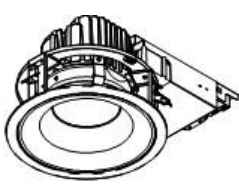
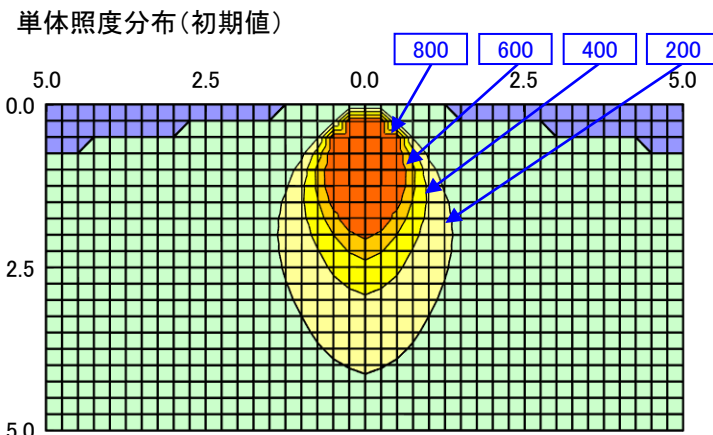
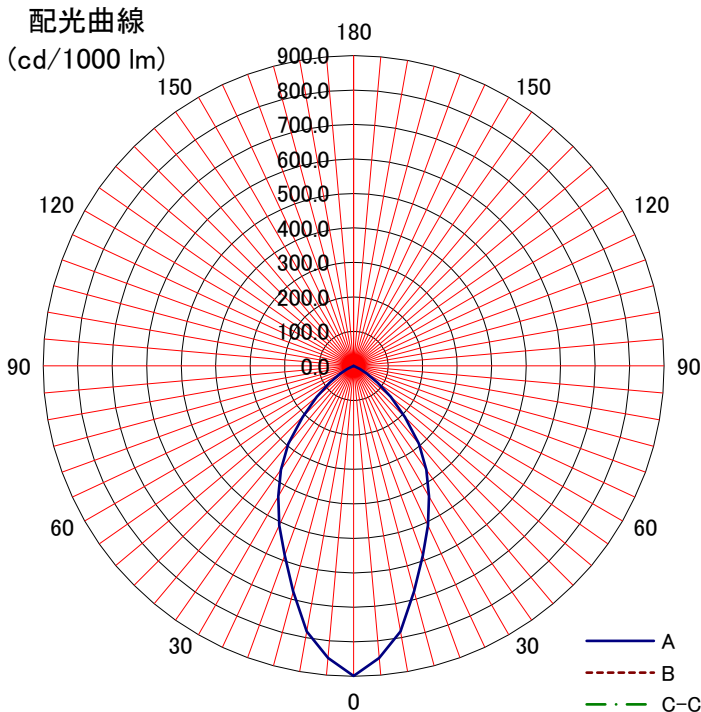


## 日立照明器具 照明特性

| 名称: LEDダウンライト                                                                           | 天井   | 80%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      | 70%  |      |      |      | 50%  |      |      | 30%  |      |      | 0%   |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----------------|-----|------|------|------|------|---|-----|--|--|--|--|----|-----|--|--|--|--|----|-----|--|--|--|--|----|-----|--|--|--|--|----|-----|--|--|--|--|----|-----|--|--|--|--|----|----|--|--|--|--|----|---|--|--|--|--|----|--|--|--|--|--|----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|-----|--|--|--|--|--|
|                                                                                         |      | 壁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70%  | 50%  | 30%  | 70%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0% |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 床    | 10%  |      |      |      |      |      |      |      |      |      |      |      |    |                 | 0%  |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 形式: LDE34AND-JX14A                                                                      | 室指数  | 固有照明率 S/H=1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 〈備考〉                                                                                    | 0.6  | 0.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.65 | 0.59 | 0.72 | 0.64 | 0.59 | 0.56 | 0.64 | 0.59 | 0.55 | 0.63 | 0.59 | 0.55 | 0.54 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 0.8  | 0.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.74 | 0.69 | 0.81 | 0.74 | 0.69 | 0.65 | 0.73 | 0.69 | 0.65 | 0.72 | 0.68 | 0.65 | 0.64 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 姿図<br> | 1    | 0.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.81 | 0.76 | 0.86 | 0.80 | 0.75 | 0.72 | 0.79 | 0.75 | 0.72 | 0.78 | 0.74 | 0.71 | 0.70 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 1.25 | 0.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.86 | 0.81 | 0.90 | 0.85 | 0.81 | 0.78 | 0.84 | 0.80 | 0.77 | 0.82 | 0.79 | 0.77 | 0.75 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 1.5  | 0.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.90 | 0.86 | 0.93 | 0.89 | 0.85 | 0.82 | 0.87 | 0.84 | 0.81 | 0.86 | 0.83 | 0.81 | 0.79 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 2    | 0.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.94 | 0.91 | 0.97 | 0.93 | 0.90 | 0.88 | 0.92 | 0.89 | 0.87 | 0.90 | 0.88 | 0.86 | 0.84 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 2.5  | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.97 | 0.94 | 0.99 | 0.96 | 0.93 | 0.91 | 0.94 | 0.92 | 0.90 | 0.93 | 0.91 | 0.89 | 0.87 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 3    | 1.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.98 | 0.96 | 1.00 | 0.98 | 0.95 | 0.93 | 0.96 | 0.94 | 0.92 | 0.94 | 0.92 | 0.91 | 0.89 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 光源形式<br>-                                                                               | 4    | 1.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.01 | 0.99 | 1.02 | 1.00 | 0.98 | 0.96 | 0.98 | 0.96 | 0.95 | 0.96 | 0.95 | 0.93 | 0.91 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 5    | 1.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.02 | 1.01 | 1.03 | 1.01 | 1.00 | 0.98 | 0.99 | 0.98 | 0.97 | 0.98 | 0.96 | 0.95 | 0.93 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 器具光束<br>3,800 lm                                                                        | 7    | 1.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.05 | 1.03 | 1.05 | 1.04 | 1.02 | 1.01 | 1.02 | 1.01 | 1.00 | 1.00 | 0.99 | 0.98 | 0.96 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         | 10   | 1.07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.06 | 1.06 | 1.06 | 1.05 | 1.05 | 1.04 | 1.03 | 1.03 | 1.02 | 1.01 | 1.01 | 1.00 | 0.98 |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 器具効率 Ft= 100%                                                                           |      | <div>単体照度分布 (初期値)</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 上方光束 Fu= 0%                                                                             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 下方光束 Fd= 100%                                                                           |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|                                                                                         |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 最大取付間隔                                                                                  |      | <div>配光曲線 (cd/1000 lm)</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| A-A 0.80 H                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| B-B H                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 保守率                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 良 0.79                                                                                  |      | <table><tr><th>光度 (cd/1000 lm)</th><th>A-0</th><th>B-B</th><th>C-0</th><th>A'-0</th><th>C'-0</th></tr><tr><td>0</td><td>899</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td>782</td><td></td><td></td><td></td><td></td></tr><tr><td>20</td><td>585</td><td></td><td></td><td></td><td></td></tr><tr><td>30</td><td>437</td><td></td><td></td><td></td><td></td></tr><tr><td>40</td><td>295</td><td></td><td></td><td></td><td></td></tr><tr><td>50</td><td>140</td><td></td><td></td><td></td><td></td></tr><tr><td>60</td><td>44</td><td></td><td></td><td></td><td></td></tr><tr><td>70</td><td>6</td><td></td><td></td><td></td><td></td></tr><tr><td>80</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>90</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>100</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>110</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>120</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>130</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>140</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>150</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>160</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>170</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>180</td><td></td><td></td><td></td><td></td><td></td></tr></table> |      |      |      |      |      |      |      |      |      |      |      |      |      |    | 光度 (cd/1000 lm) | A-0 | B-B  | C-0  | A'-0 | C'-0 | 0 | 899 |  |  |  |  | 10 | 782 |  |  |  |  | 20 | 585 |  |  |  |  | 30 | 437 |  |  |  |  | 40 | 295 |  |  |  |  | 50 | 140 |  |  |  |  | 60 | 44 |  |  |  |  | 70 | 6 |  |  |  |  | 80 |  |  |  |  |  | 90 |  |  |  |  |  | 100 |  |  |  |  |  | 110 |  |  |  |  |  | 120 |  |  |  |  |  | 130 |  |  |  |  |  | 140 |  |  |  |  |  | 150 |  |  |  |  |  | 160 |  |  |  |  |  | 170 |  |  |  |  |  | 180 |  |  |  |  |  |
| 光度 (cd/1000 lm)                                                                         | A-0  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    | B-B             | C-0 | A'-0 | C'-0 |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 0                                                                                       | 899  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 10                                                                                      | 782  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 20                                                                                      | 585  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 30                                                                                      | 437  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 40                                                                                      | 295  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 50                                                                                      | 140  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 60                                                                                      | 44   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 70                                                                                      | 6    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 80                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 90                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 100                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 110                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 120                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 130                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 140                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 150                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 160                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 170                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 180                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 中 0.75                                                                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 否 0.67                                                                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 光度 (cd/1000 lm)                                                                         |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| A-0                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| B-B                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| C-0                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| A'-0                                                                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| C'-0                                                                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 0                                                                                       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 10                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 20                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 30                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 40                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 50                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 60                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 70                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 80                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 90                                                                                      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 100                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 110                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 120                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 130                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 140                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 150                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 160                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 170                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 180                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                 |     |      |      |      |      |   |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |     |  |  |  |  |    |    |  |  |  |  |    |   |  |  |  |  |    |  |  |  |  |  |    |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |