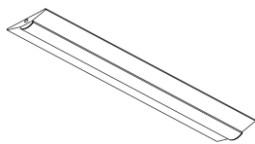
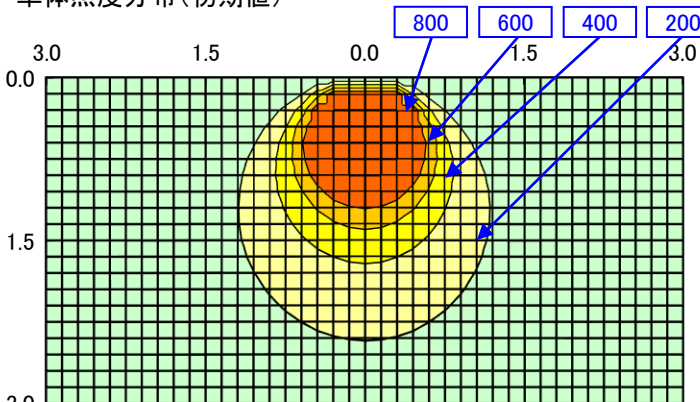
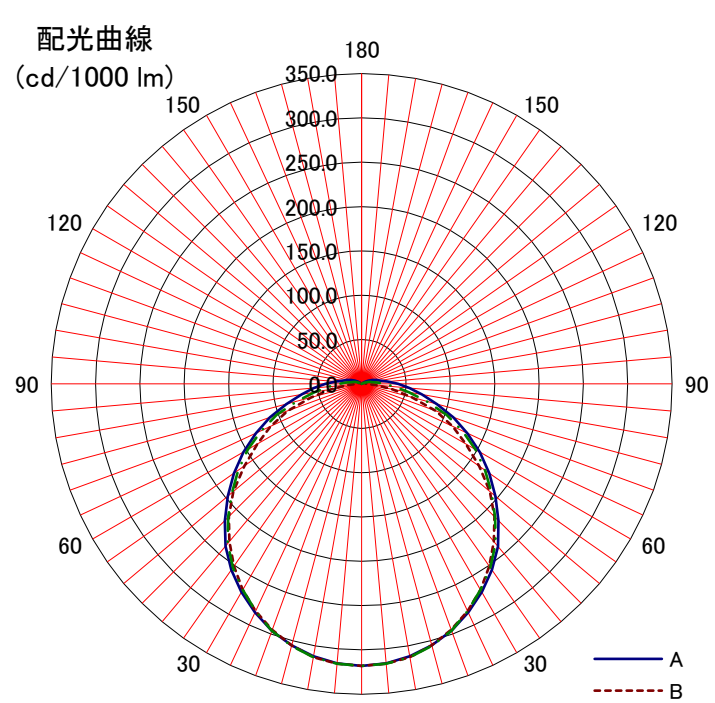


## 日立照明器具 照明特性

| 名称: 交換形LED逆富士形  | 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: NC4B1   | 室指数  | 固有照明率 S/H=1.0  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 〈備考〉  | 0.6  | 0.57   | 0.45 | 0.37 | 0.55 | 0.44 | 0.36 | 0.31 | 0.42 | 0.36 | 0.31 | 0.41 | 0.35 | 0.31 | 0.28 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 0.8  | 0.66   | 0.54 | 0.46 | 0.64 | 0.53 | 0.46 | 0.40 | 0.52 | 0.45 | 0.40 | 0.50 | 0.44 | 0.39 | 0.37 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 姿図<br> | 1    | 0.72   | 0.61 | 0.53 | 0.70 | 0.60 | 0.53 | 0.47 | 0.58 | 0.52 | 0.47 | 0.56 | 0.51 | 0.46 | 0.43 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 1.25 | 0.78   | 0.68 | 0.61 | 0.76 | 0.67 | 0.60 | 0.54 | 0.65 | 0.58 | 0.53 | 0.63 | 0.57 | 0.53 | 0.50 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 1.5  | 0.82   | 0.73 | 0.66 | 0.81 | 0.72 | 0.65 | 0.60 | 0.70 | 0.64 | 0.59 | 0.67 | 0.62 | 0.58 | 0.55 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 2    | 0.88   | 0.80 | 0.74 | 0.86 | 0.79 | 0.73 | 0.68 | 0.76 | 0.71 | 0.67 | 0.74 | 0.70 | 0.66 | 0.63 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 2.5  | 0.92   | 0.85 | 0.79 | 0.90 | 0.83 | 0.78 | 0.74 | 0.81 | 0.76 | 0.72 | 0.78 | 0.74 | 0.71 | 0.68 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 3    | 0.94   | 0.88 | 0.83 | 0.92 | 0.86 | 0.82 | 0.78 | 0.84 | 0.80 | 0.76 | 0.81 | 0.77 | 0.74 | 0.71 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 光源形式<br>CE403WWE-X14A   | 4    | 0.97   | 0.92 | 0.88 | 0.95 | 0.91 | 0.87 | 0.83 | 0.88 | 0.84 | 0.81 | 0.85 | 0.82 | 0.80 | 0.76 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 5    | 0.99   | 0.95 | 0.91 | 0.97 | 0.94 | 0.90 | 0.87 | 0.91 | 0.88 | 0.85 | 0.88 | 0.85 | 0.83 | 0.80 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 器具光束<br>3,690 lm  | 7    | 1.02   | 0.99 | 0.96 | 1.00 | 0.97 | 0.95 | 0.92 | 0.94 | 0.92 | 0.90 | 0.91 | 0.90 | 0.88 | 0.84 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 10   | 1.04   | 1.02 | 1.00 | 1.02 | 1.00 | 0.98 | 0.96 | 0.97 | 0.95 | 0.94 | 0.94 | 0.93 | 0.92 | 0.88 |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 器具効率 Ft= 100%   |      | <div>単体照度分布 (初期値)</div>   |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 上方光束 Fu= 3.5%   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 下方光束 Fd= 96.5%  |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 最大取付間隔  |      | <div>配光曲線</div> <div>(cd/1000 lm)</div>    |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| A-A 1.28 H  |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| B-B 1.26 H  |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 保守率   | 良    | 0.88   |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 中    | 0.86   |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
|   | 否    | 0.81   |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 光度 (cd/1000 lm)   |      | <table><tr><th></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>318</td><td>318</td><td>318</td><td></td><td></td></tr><tr><td>10</td><td>312</td><td>313</td><td>313</td><td></td><td></td></tr><tr><td>20</td><td>296</td><td>295</td><td>296</td><td></td><td></td></tr><tr><td>30</td><td>271</td><td>268</td><td>268</td><td></td><td></td></tr><tr><td>40</td><td>239</td><td>232</td><td>235</td><td></td><td></td></tr><tr><td>50</td><td>197</td><td>189</td><td>191</td><td></td><td></td></tr><tr><td>60</td><td>154</td><td>136</td><td>148</td><td></td><td></td></tr><tr><td>70</td><td>110</td><td>89</td><td>102</td><td></td><td></td></tr><tr><td>80</td><td>69</td><td>35</td><td>54</td><td></td><td></td></tr><tr><td>90</td><td>41</td><td>5</td><td>25</td><td></td><td></td></tr><tr><td>100</td><td>21</td><td>5</td><td>12</td><td></td><td></td></tr><tr><td>110</td><td>13</td><td>3</td><td>6</td><td></td><td></td></tr><tr><td>120</td><td>5</td><td>2</td><td>1</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> |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  | A-0 | B-B | C-0 | A'-0 | C'-0 | 0 | 318 | 318 | 318 |  |  | 10 | 312 | 313 | 313 |  |  | 20 | 296 | 295 | 296 |  |  | 30 | 271 | 268 | 268 |  |  | 40 | 239 | 232 | 235 |  |  | 50 | 197 | 189 | 191 |  |  | 60 | 154 | 136 | 148 |  |  | 70 | 110 | 89 | 102 |  |  | 80 | 69 | 35 | 54 |  |  | 90 | 41 | 5 | 25 |  |  | 100 | 21 | 5 | 12 |  |  | 110 | 13 | 3 | 6 |  |  | 120 | 5 | 2 | 1 |  |  | 130 |  |  |  |  |  | 140 |  |  |  |  |  | 150 |  |  |  |  |  | 160 |  |  |  |  |  | 170 |  |  |  |  |  | 180 |  |  |  |  |  |
|   | A-0  | B-B  | C-0  | A'-0 | C'-0 |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 0   | 318  | 318  | 318  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 10  | 312  | 313  | 313  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 20  | 296  | 295  | 296  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 30  | 271  | 268  | 268  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 40  | 239  | 232  | 235  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 50  | 197  | 189  | 191  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 60  | 154  | 136  | 148  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 70  | 110  | 89   | 102  |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 80  | 69   | 35   | 54   |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 90  | 41   | 5  | 25   |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 100   | 21   | 5  | 12   |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 110   | 13   | 3  | 6    |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 120   | 5    | 2  | 1    |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 130   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 140   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 150   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 160   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 170   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |
| 180   |      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |    |     |  |  |    |    |    |    |  |  |    |    |   |    |  |  |     |    |   |    |  |  |     |    |   |   |  |  |     |   |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |