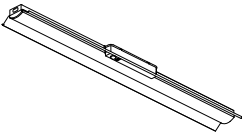
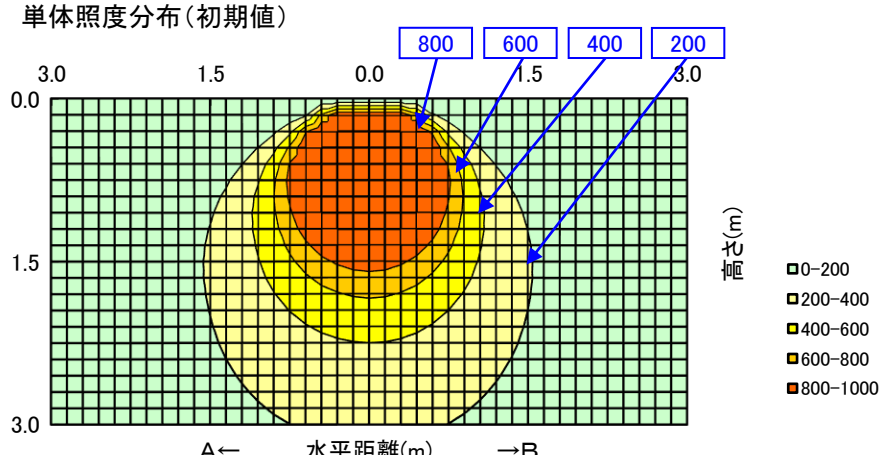
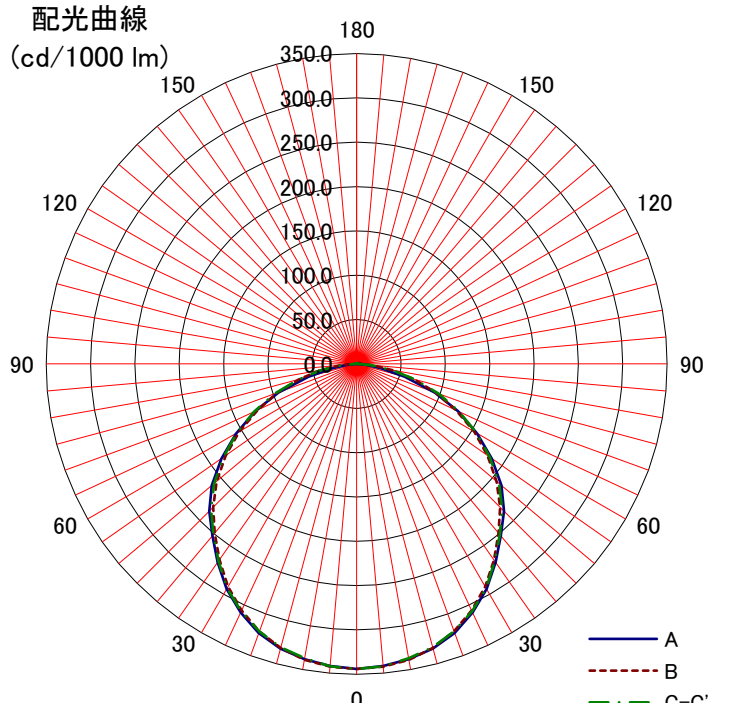


# 日立照明器具 照明特性

| 人感センサー付<br>名称: 交換形ベース器具<br>(笠付形)  |     | 反射率  | 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: PC4B1SL   |     | 室指数  | 固有照明率 S/H=1.0 |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| <備考>  |     | 0.6  | 0.58          | 0.46 | 0.38 | 0.57 | 0.46 | 0.38 | 0.33 | 0.44 | 0.38 | 0.33 | 0.43 | 0.37 | 0.33 | 0.31 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 0.8  | 0.68          | 0.56 | 0.49 | 0.66 | 0.56 | 0.48 | 0.43 | 0.54 | 0.47 | 0.42 | 0.53 | 0.47 | 0.42 | 0.40 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 姿図<br> |     | 1  | 0.74          | 0.63 | 0.56 | 0.73 | 0.63 | 0.55 | 0.50 | 0.61 | 0.55 | 0.50 | 0.59 | 0.54 | 0.49 | 0.47 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 1.25   | 0.80          | 0.70 | 0.63 | 0.78 | 0.69 | 0.63 | 0.57 | 0.68 | 0.62 | 0.57 | 0.66 | 0.61 | 0.56 | 0.54 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 1.5  | 0.84          | 0.76 | 0.69 | 0.83 | 0.75 | 0.68 | 0.63 | 0.73 | 0.67 | 0.63 | 0.71 | 0.66 | 0.62 | 0.60 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 2  | 0.90          | 0.83 | 0.77 | 0.88 | 0.82 | 0.76 | 0.72 | 0.80 | 0.75 | 0.71 | 0.78 | 0.74 | 0.70 | 0.67 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 2.5  | 0.93          | 0.87 | 0.82 | 0.92 | 0.86 | 0.81 | 0.77 | 0.84 | 0.80 | 0.76 | 0.82 | 0.78 | 0.75 | 0.72 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 3  | 0.96          | 0.90 | 0.86 | 0.94 | 0.89 | 0.85 | 0.81 | 0.87 | 0.83 | 0.80 | 0.85 | 0.81 | 0.79 | 0.76 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 光源形式<br>CE406NG-X14A  |     | 4  | 0.99          | 0.94 | 0.90 | 0.97 | 0.93 | 0.90 | 0.86 | 0.91 | 0.88 | 0.85 | 0.89 | 0.86 | 0.84 | 0.81 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 5  | 1.01          | 0.97 | 0.94 | 0.99 | 0.96 | 0.93 | 0.90 | 0.94 | 0.91 | 0.89 | 0.91 | 0.89 | 0.87 | 0.84 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 器具光束<br>5,890 lm  |     | 7  | 1.03          | 1.01 | 0.98 | 1.02 | 0.99 | 0.97 | 0.95 | 0.97 | 0.95 | 0.93 | 0.95 | 0.93 | 0.92 | 0.89 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     | 10   | 1.05          | 1.03 | 1.02 | 1.04 | 1.02 | 1.00 | 0.99 | 1.00 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.92 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 器具効率 Ft= 100%   |     | <div>単体照度分布(初期値)</div>                    |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 上方光束 Fu= 0.5%   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 下方光束 Fd= 99.5%  |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 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   |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.86  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   | 中   |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.81  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   | 否   |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.72  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 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>344</td><td>344</td><td>344</td><td></td><td></td></tr><tr><td>10</td><td>338</td><td>339</td><td>337</td><td></td><td></td></tr><tr><td>20</td><td>323</td><td>321</td><td>321</td><td></td><td></td></tr><tr><td>30</td><td>293</td><td>290</td><td>292</td><td></td><td></td></tr><tr><td>40</td><td>253</td><td>249</td><td>251</td><td></td><td></td></tr><tr><td>50</td><td>213</td><td>206</td><td>210</td><td></td><td></td></tr><tr><td>60</td><td>157</td><td>153</td><td>156</td><td></td><td></td></tr><tr><td>70</td><td>94</td><td>95</td><td>99</td><td></td><td></td></tr><tr><td>80</td><td>28</td><td>43</td><td>41</td><td></td><td></td></tr><tr><td>90</td><td></td><td>5</td><td>1</td><td></td><td></td></tr><tr><td>100</td><td></td><td>5</td><td>1</td><td></td><td></td></tr><tr><td>110</td><td></td><td>3</td><td>1</td><td></td><td></td></tr><tr><td>120</td><td></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 | 344 | 344 | 344 |  |  | 10 | 338 | 339 | 337 |  |  | 20 | 323 | 321 | 321 |  |  | 30 | 293 | 290 | 292 |  |  | 40 | 253 | 249 | 251 |  |  | 50 | 213 | 206 | 210 |  |  | 60 | 157 | 153 | 156 |  |  | 70 | 94 | 95 | 99 |  |  | 80 | 28 | 43 | 41 |  |  | 90 |  | 5 | 1 |  |  | 100 |  | 5 | 1 |  |  | 110 |  | 3 | 1 |  |  | 120 |  | 2 | 1 |  |  | 130 |  |  |  |  |  | 140 |  |  |  |  |  | 150 |  |  |  |  |  | 160 |  |  |
|   | A-0 | B-B  | C-0           | A'-0 | C'-0 |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 0   | 344 | 344  | 344           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 10  | 338 | 339  | 337           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 20  | 323 | 321  | 321           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 30  | 293 | 290  | 292           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 40  | 253 | 249  | 251           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 50  | 213 | 206  | 210           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 60  | 157 | 153  | 156           |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 70  | 94  | 95   | 99            |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 80  | 28  | 43   | 41            |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 90  |     | 5  | 1             |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 100   |     | 5  | 1             |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 110   |     | 3  | 1             |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 120   |     | 2  | 1             |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 130   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 140   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 150   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 160   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 170   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
| 180   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |
|   |     |  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |     |     |      |      |   |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |     |     |     |  |  |    |    |    |    |  |  |    |    |    |    |  |  |    |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |   |   |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |  |  |  |     |  |  |