

## DIRECT WHITE (CTA40) - 4000K, 80CRI

| Code       | RNGP1P02 | RNGP1P03 | RNGP1P04 | RNGP1P05 | RNGP1P06 | RNGP1P07 | RNGP1P08 | RNGP1P09 | RNGP1P12 | RNGP1P18 |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter   | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct     | White    | White    | White    | White    | White    | White    | White    | White    | White    | White    |
| Wattage    | 65W      | 101W     | 138W     | 180W     | 216W     | 260W     | 281W     | 325W     | 432W     | 692W     |
| Direct lms | 6000     | 10000    | 14000    | 18000    | 21000    | 26000    | 26000    | 32000    | 42000    | 67000    |
| LPW        | 100      | 100      | 99       | 99       | 99       | 96       | 98       | 100      | 96       | 98       |

## DIRECT RGBW (CTA50)

| Code                 | RNGP1P02 | RNGP1P03 | RNGP1P04 | RNGP1P05 | RNGP1P06 | RNGP1P07 | RNGP1P08 | RNGP1P09 | RNGP1P12 | RNGP1P18 |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter             | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct               | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     |
| Wattage (White only) | 22W      | 34W      | 46W      | 61W      | 73W      | 88W      | 95W      | 110W     | 147W     | 234W     |
| Max Wattage          | 84W      | 131W     | 178W     | 234W     | 281W     | 337W     | 365W     | 422W     | 562W     | 899W     |
| Direct lms           | 2700     | 4200     | 5700     | 7400     | 9000     | 11000    | 11300    | 13300    | 17500    | 28100    |
| LPW                  | 124      | 125      | 124      | 122      | 123      | 125      | 119      | 121      | 119      | 120      |

## DIRECT WHITE (CTA40) INDIRECT WHITE (CTB40) – 4000K, 80CRI

| Code                  | RNGP2P02 | RNGP2P03 | RNGP2P04 | RNGP2P05 | RNGP2P06 | RNGP2P07 | RNGP2P08 | RNGP2P09 | RNGP2P12 | RNGP2P18 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter              | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct                | White    | White    | White    | White    | White    | White    | White    | White    | White    | White    |
| Indirect              | White    | White    | White    | White    | White    | White    | White    | White    | White    | White    |
| Wattage               | 87W      | 144W     | 180W     | 252W     | 302W     | 375W     | 368W     | 454W     | 605W     | 995W     |
| Direct lms            | 6000     | 10000    | 14000    | 18000    | 21000    | 26000    | 26000    | 32000    | 42000    | 67000    |
| Indirect lms          | 3000     | 5000     | 5000     | 9000     | 9000     | 14000    | 15000    | 16000    | 21000    | 38000    |
| Direct/Indirect Ratio | 70/30    | 65/35    | 70/30    | 65/35    | 70/30    | 65/35    | 65/35    | 65/35    | 65/35    | 65/35    |
| LPW                   | 106      | 107      | 105      | 107      | 106      | 107      | 106      | 106      | 104      | 106      |

## DIRECT RGBW (CTA50) INDIRECT WHITE (CTB40) – 4000K, 80CRI

| Code                   | RNGP2P02 | RNGP2P03 | RNGP2P04 | RNGP2P05 | RNGP2P06 | RNGP2P07 | RNGP2P08 | RNGP2P09 | RNGP2P12 | RNGP2P18 |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter               | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct                 | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     |
| Indirect               | White    | White    | White    | White    | White    | White    | White    | White    | White    | White    |
| White Only Wattage     | 44W      | 77W      | 88W      | 133W     | 159W     | 203W     | 182W     | 239W     | 320W     | 537W     |
| Max Wattage            | 106W     | 174W     | 220W     | 306W     | 367W     | 452W     | 452W     | 551W     | 735W     | 1202W    |
| Direct lms(White only) | 2700     | 4200     | 5700     | 7400     | 9000     | 11000    | 11300    | 13300    | 17500    | 28100    |
| Indirect lms           | 2600     | 5400     | 5400     | 9200     | 10700    | 14500    | 11700    | 16300    | 21300    | 38700    |
| Direct/Indirect Ratio  | 50/50    | 45/55    | 50/50    | 45/55    | 45/55    | 45/55    | 50/50    | 45/55    | 45/55    | 40/60    |
| LPW(White Only)        | 121      | 125      | 125      | 125      | 124      | 125      | 126      | 124      | 121      | 124      |

## DIRECT WHITE (CTA 40) - 4000K, 80CRI, INDIRECT RGBW (CTB50)

| Code                     | RNGP2P02 | RNGP2P03 | RNGP2P04 | RNGP2P05 | RNGP2P06 | RNGP2P07 | RNGP2P08 | RNGP2P09 | RNGP2P12 | RNGP2P18 |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter                 | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct                   | White    | White    | White    | White    | White    | White    | White    | White    | White    | White    |
| Indirect                 | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     |
| White Only Wattage       | 72W      | 115W     | 153W     | 204W     | 245W     | 299W     | 310W     | 369W     | 499W     | 795W     |
| Max Wattage              | 93W      | 157W     | 194W     | 274W     | 328W     | 410W     | 393W     | 494W     | 657W     | 1086W    |
| Direct lms               | 6500     | 10100    | 13500    | 17700    | 21300    | 26000    | 26900    | 31700    | 41600    | 66700    |
| Indirect lms(White Only) | 1100     | 2300     | 2300     | 3900     | 3800     | 6000     | 5000     | 6900     | 9000     | 16300    |
| Direct/Indirect Ratio    | 85/15    | 80/20    | 85/15    | 80/20    | 85/15    | 80/20    | 85/15    | 80/20    | 80/20    | 80/20    |
| LPW                      | 105      | 107      | 103      | 106      | 103      | 107      | 103      | 104      | 101      | 104      |

## DIRECT RGBW (CTA50) INDIRECT RGBW (CTB50)

| Code                  | RNGP2P02 | RNGP2P03 | RNGP2P04 | RNGP2P05 | RNGP2P06 | RNGP2P07 | RNGP2P08 | RNGP2P09 | RNGP2P12 | RNGP2P18 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Diameter              | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      | 8ft      | 9ft      | 12ft     | 18ft     |
| Direct                | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     |
| Indirect              | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     | RGBW     |
| White Only Wattage    | 28W      | 47W      | 59W      | 82W      | 94W      | 122W     | 120W     | 148W     | 198W     | 322W     |
| Max Wattage           | 102W     | 170W     | 212W     | 297W     | 339W     | 441W     | 432W     | 534W     | 712W     | 1161W    |
| Direct lms            | 2700     | 4200     | 5700     | 7400     | 9000     | 11000    | 11300    | 13300    | 17500    | 28100    |
| Indirect lms          | 1100     | 2300     | 2300     | 3900     | 3800     | 6000     | 5000     | 6900     | 9000     | 16300    |
| Direct/Indirect Ratio | 70/30    | 65/35    | 70/30    | 65/35    | 70/30    | 65/35    | 70/30    | 65/35    | 65/35    | 65/35    |
| LPW                   | 134      | 137      | 134      | 137      | 139      | 137      | 140      | 137      | 133      | 138      |