

PINNACLE 170 CCT

24V LED Specification Grade CCT Tape Light


TL170-24V-CCT

PHOTOMETRICS SHEET

PHOTOMETRICS

| Nominal size | Model | Light output | Wattage / Voltage | Selectable color temperature | CRI |
|--------------|---------------|--------------|-------------------|------------------------------|-----|
| 49.2ft (15m) | TL170-24V-CCT | 200LM/ft | 1.9W/ft / 24V | 2700K-6500K Tunable | 97+ |

FOOTCANDLE DIAGRAM

| Mounting height (feet / meters) | | Footcandles at Nadir | Diameter (feet / meters) |
|------------------------------------|--|-------------------------|-----------------------------|
| 3.28' / 1m |  | 227.21 | 10.27' / 3.13m |
| 6.56' / 2m | | 56.801 | 20.55' / 6.26m |
| 9.84' / 3m | | 25.241 | 30.82' / 9.39m |
| 13.12' / 4m | | 14.201 | 41.10' / 12.53m |
| 16.4' / 5m | | 9.0871 | 51.37' / 15.66m |

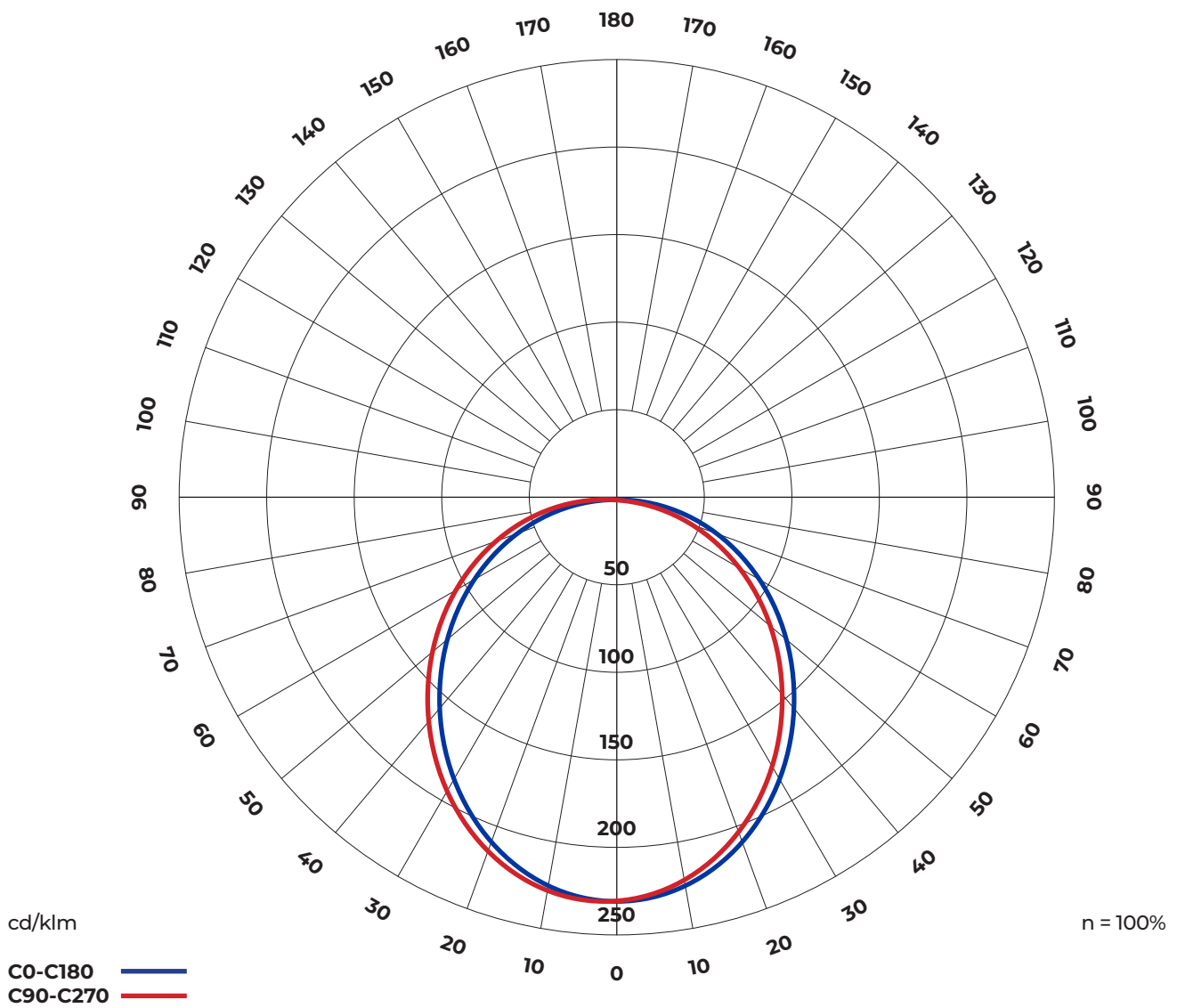
AVERAGE LUMINANCE (cd/m²)

| G/C | 0 | 40 | 90 |
|-----|------|------|------|
| 0 | 227 | 226 | 226 |
| 45 | 174 | 172 | 156 |
| 55 | 144 | 138 | 123 |
| 65 | 105 | 103 | 84.3 |
| 75 | 65.6 | 61.1 | 45.6 |
| 85 | 23.8 | 23.4 | 8.37 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % of luminaire |
|--------|--------|----------------|
| 0-40 | 292.1 | 43 |
| 0-60 | 522.5 | 76.9 |
| 0-90 | 670.1 | 98.6 |
| 90-180 | 9.3 | 1.4 |

DISTRIBUTION CURVE (cd/klm)



COEFFICIENTS OF UTILIZATION

| RC | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0 |
|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0 |
| RCR | RF=0.2 | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 116 | 116 | 116 | 110 | 110 | 110 | 105 | 105 | 105 | 101 | 101 | 101 | 099 |
| 1 | 103 | 99 | 95 | 101 | 97 | 93 | 96 | 93 | 90 | 92 | 89 | 87 | 88 | 86 | 84 | 82 |
| 2 | 90 | 83 | 77 | 88 | 81 | 76 | 84 | 79 | 74 | 80 | 76 | 72 | 77 | 74 | 70 | 68 |
| 3 | 79 | 70 | 64 | 77 | 69 | 63 | 74 | 67 | 62 | 71 | 65 | 60 | 68 | 63 | 59 | 57 |
| 4 | 70 | 61 | 54 | 68 | 60 | 53 | 65 | 58 | 52 | 63 | 57 | 52 | 61 | 55 | 51 | 48 |
| 5 | 62 | 53 | 46 | 61 | 52 | 46 | 59 | 51 | 45 | 56 | 50 | 45 | 54 | 49 | 44 | 42 |
| 6 | 56 | 47 | 40 | 55 | 46 | 40 | 53 | 45 | 40 | 51 | 44 | 39 | 49 | 43 | 39 | 36 |
| 7 | 50 | 42 | 35 | 55 | 41 | 35 | 48 | 40 | 35 | 46 | 40 | 35 | 45 | 39 | 34 | 32 |
| 8 | 46 | 37 | 32 | 45 | 37 | 31 | 44 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 31 | 29 |
| 9 | 42 | 34 | 28 | 42 | 34 | 28 | 40 | 33 | 28 | 39 | 32 | 28 | 38 | 32 | 28 | 26 |
| 10 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 25 | 36 | 30 | 25 | 35 | 29 | 25 | 23 |