

Ambiane TD-TW-PW tm



Client: _____

Project: _____

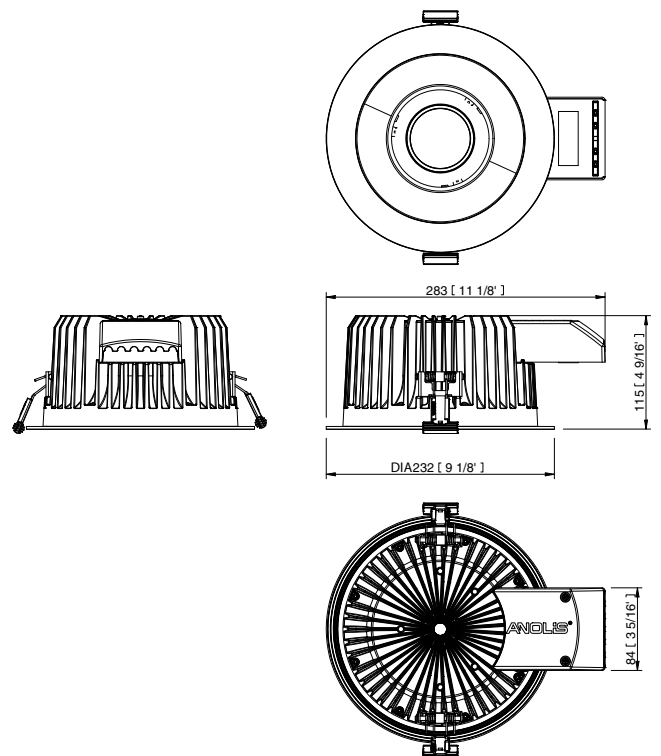
Specifier: _____

Type: _____ Qty: _____



FEATURES:

- Input Voltage: 24V DC
- Power consumption: 40W +/- 10%
- Light Source: 24 x High Power Single Chip LED's - PW
- 30 x High Power Single Chip LED's - TD/TW
- Delivered Lumen:
 - 1742 lm (TW - 67° 2700K with Anti Glare Ring)
 - 2463 lm (TW - 67° 6500K with Anti Glare Ring)
 - 1589 lm (TW - 80° 2700K with Anti Glare Ring)
 - 2343 lm (TW - 80° 6500K with Anti Glare Ring)
 - 1839 lm (TD - 67° 3200K with Anti Glare Ring)
 - 1670 lm (TD - 80° 3200K with Anti Glare Ring)
 - 1817 lm (PW - 67° 3200K with Anti Glare Ring)
 - 1657 lm (PW - 80° 3200K with Anti Glare Ring)
- Projected LED Life: 50,000 Hrs (L70 @ 25°C / 77°F)
- Control: USITT, DMX512, RDM, DALI
- Housing: High Pressure Die-Cast Aluminium
- Plastic Cover
- Mounting Method: Recessed 2 x Spring Clips
- Cut-Out diameter: 212mm (8.34in)
- IP Rating: IP20 (IP54 with Optional diffuser)
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F)
- Certification: ETL/cETL, CE, RoHS
- 5 Year Warranty



HOW TO ORDER

| Ambiane | Variant | Colour Temp | Optic | Finish | |
|---------|---------|-------------|-------|------------|---------|
| | TW | | 67° | W - White | |
| | TD | | 80° | S - Silver | |
| | PW | 2700K | | B - Black | |
| | | 3200K | | R - RAL | * * * * |
| | | 4000K | | | |
| | | 5000K | | | |
| | | 6500K | | | |

Requires Separate Power Supply
ArcPower CLG-60-24 MW

Product Specification:

| | | | |
|---------------|-------------------------------|----------------------|---|
| Electrical | Input Voltage | | 24V DC |
| | Power Consumption | | 40W +/- 10% |
| Optical | Light Source | | 30 x High Power Single Chip LED's (PW) |
| | | | 30 x High Power Single Chip LED's (TW and TD) |
| | | TW | 2700K - 6500K |
| | | TD | 3200K with Tungsten effect |
| | | PW | 2700K, 3200K, 4000K, 5000K, 6500K |
| | Colour Variant | | TD, TW, PW |
| | Beam Angle | | 67°, 80° |
| | Projected Lumen Maintenance | | 50,000 Hrs (L70@ 25°C / 77°F) |
| Control | Control System | | USITT, DMX512, RDM, DALI |
| | Address Setting | | Dip Switch |
| | Power Supply | | ArcPower for Ambiane or Third Party Constant Wattage 24V/60W |
| Physical | Width x Height x Depth | Inches | 9.1 x 4.53 x 11.1 |
| | | mm | 232 x 115 x 283 |
| | Weight | lbs | 4 |
| | | kg | 1.8 |
| | Fixture Cable and Connections | | Terminal Block (Power In, DMX In/Out, DALI In/Out, Back-up Power) |
| | Mounting Method | | Recessed via 2 x Spring Clips |
| | Cut-Out | | Ø212 (8.34) |
| | IP Rating | | IP20 (IP54 with Optional front diffuser) |
| | IC Rating | | Non-IC Rated |
| | Cooling System | | Convection |
| | Total Heat Dissipation | | 136 BTU/h (Calculated) |
| | Operating Ambient Temperature | | -20°C / +40°C (-4°F / +104°F) |
| | Operating Temperature | | 75°C @ Ambient +35°C (167°F @ Ambient +95°F) |
| Certification | Listings | ETL / cETL, CE, RoHS | |

Beam angles may vary depending on colour variant, please see photometric files for details

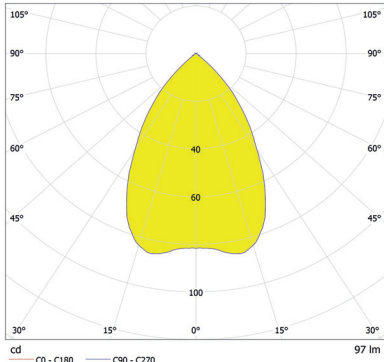
Subject to change without notice - please contact Anolis for clarification

| Accessories | Description |
|-------------|---|
| 1098 0386 | Anti-glare Ring - Detachable |
| 1006 3035 | ArcPower CLG-60-24 MW |
| 1098 0387 | IP54 Diffuser Frosted Glass - Optional |
| 1098 0388 | Adaptor Ring + Spring Clip Set - Optional |



Photometric Data:

Ambiane TD 67° 1000K

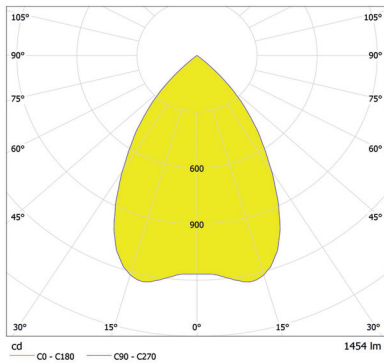


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.64 | 32.7° 237 | 103 |
| 1.0 | 1.28 | 32.7° 82 | 26 |
| 1.5 | 1.93 | 32.7° 36 | 11 |
| 2.0 | 2.57 | 32.7° 20 | 6 |
| 2.5 | 3.21 | 32.7° 13 | 4 |
| 3.0 | 3.85 | 32.7° 9 | 3 |

Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 65.4°)

Total Luminous Flux: 97lm

Ambiane TD 67° 3000K

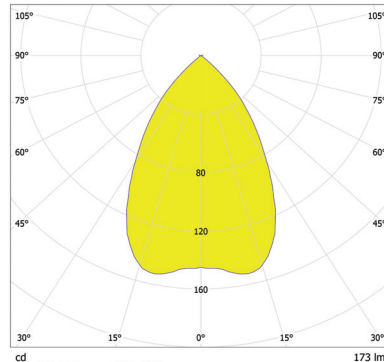


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.66 | 33.6° 4668 | 1434 |
| 1.0 | 1.33 | 33.6° 1167 | 359 |
| 1.5 | 1.99 | 33.6° 519 | 159 |
| 2.0 | 2.66 | 33.6° 292 | 90 |
| 2.5 | 3.32 | 33.6° 187 | 57 |
| 3.0 | 3.99 | 33.6° 130 | 40 |

Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 67.2°)

Total Luminous Flux: 1454lm

Ambiane TD 67° 1550K

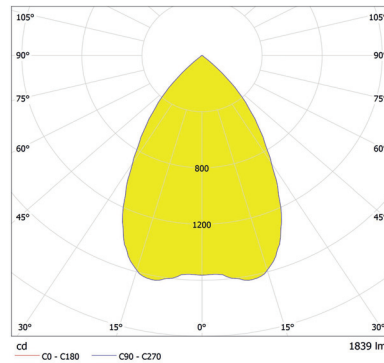


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.64 | 32.7° 581 | 182 |
| 1.0 | 1.28 | 32.7° 145 | 46 |
| 1.5 | 1.93 | 32.7° 65 | 20 |
| 2.0 | 2.57 | 32.7° 36 | 11 |
| 2.5 | 3.21 | 32.7° 23 | 7 |
| 3.0 | 3.85 | 32.7° 16 | 5 |

Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 65.4°)

Total Luminous Flux: 173lm

Ambiane TD 67° 3200K



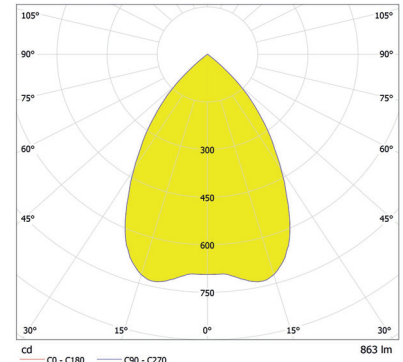
| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.64 | 32.6° 6254 | 1953 |
| 1.0 | 1.28 | 32.6° 1564 | 488 |
| 1.5 | 1.92 | 32.6° 695 | 217 |
| 2.0 | 2.56 | 32.6° 391 | 122 |
| 2.5 | 3.20 | 32.6° 250 | 78 |
| 3.0 | 3.84 | 32.6° 174 | 54 |

Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 65.2°)

Total Luminous Flux: 18394lm

For foot Candles divide lux by 10.7

Ambiane TD 67° 2700K



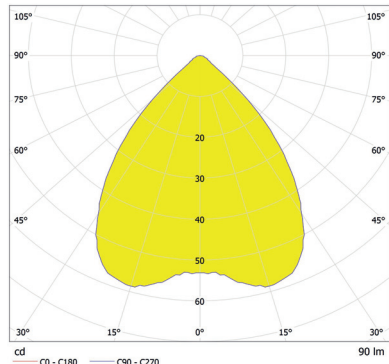
| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.66 | 33.6° 2777 | 849 |
| 1.0 | 1.33 | 33.6° 694 | 212 |
| 1.5 | 1.99 | 33.6° 309 | 94 |
| 2.0 | 2.66 | 33.6° 174 | 53 |
| 2.5 | 3.32 | 33.6° 111 | 34 |
| 3.0 | 3.99 | 33.6° 77 | 24 |

Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 67.2°)

Total Luminous Flux: 863lm

Photometric Data:

Ambiane TD 80° 1000K

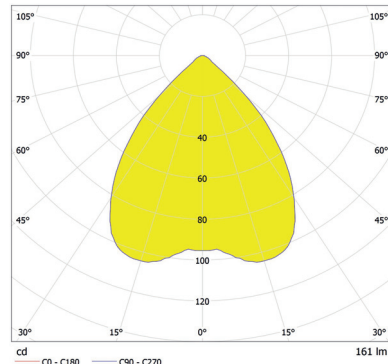


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.83 | 39.7° 213 | 54 |
| 1.0 | 1.66 | 39.7° 53 | 13 |
| 1.5 | 2.49 | 39.7° 24 | 6 |
| 2.0 | 3.32 | 39.7° 13 | 3 |
| 2.5 | 4.15 | 39.7° 9 | 2 |
| 3.0 | 4.98 | 39.7° 6 | 1 |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.4°)

Total Luminous Flux: 90lm

Ambiane TD 80° 1550K



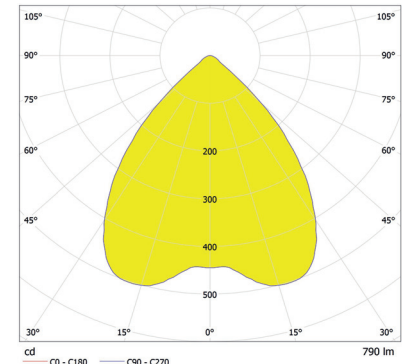
| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.83 | 39.7° 382 | 95 |
| 1.0 | 1.66 | 39.7° 95 | 24 |
| 1.5 | 2.49 | 39.7° 42 | 11 |
| 2.0 | 3.32 | 39.7° 24 | 6 |
| 2.5 | 4.15 | 39.7° 15 | 4 |
| 3.0 | 4.98 | 39.7° 11 | 3 |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.4°)

Total Luminous Flux: 161lm

For foot Candles divide lux by 10.7

Ambiane TD 80° 2700K

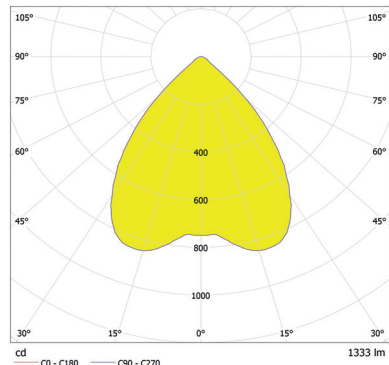


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.85 | 40.3° 1779 | 447 |
| 1.0 | 1.70 | 40.3° 445 | 112 |
| 1.5 | 2.54 | 40.3° 198 | 50 |
| 2.0 | 3.39 | 40.3° 111 | 28 |
| 2.5 | 4.24 | 40.3° 71 | 18 |
| 3.0 | 5.09 | 40.3° 49 | 12 |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 80.6°)

Total Luminous Flux: 790lm

Ambiane TD 80° 3000K

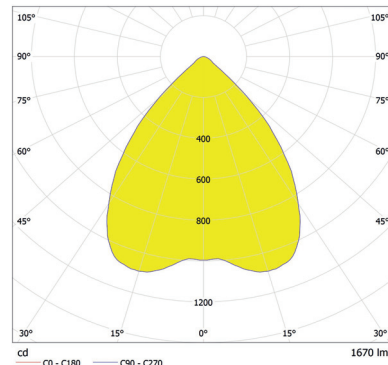


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.85 | 40.2° 2999 | 759 |
| 1.0 | 1.69 | 40.2° 750 | 190 |
| 1.5 | 2.54 | 40.2° 333 | 84 |
| 2.0 | 3.38 | 40.2° 187 | 47 |
| 2.5 | 4.23 | 40.2° 120 | 30 |
| 3.0 | 5.07 | 40.2° 83 | 21 |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 80.4°)

Total Luminous Flux: 1333lm

Ambiane TD 80° 3200K



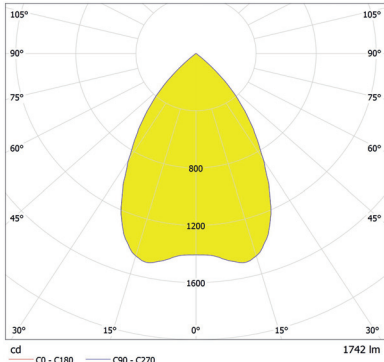
| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.83 | 39.6° 3982 | 1002 |
| 1.0 | 1.65 | 39.6° 995 | 251 |
| 1.5 | 2.48 | 39.6° 442 | 111 |
| 2.0 | 3.31 | 39.6° 249 | 63 |
| 2.5 | 4.14 | 39.6° 159 | 40 |
| 3.0 | 4.96 | 39.6° 111 | 28 |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.2°)

Total Luminous Flux: 16704lm

Photometric Data:

Ambiane TW 67° 2700K

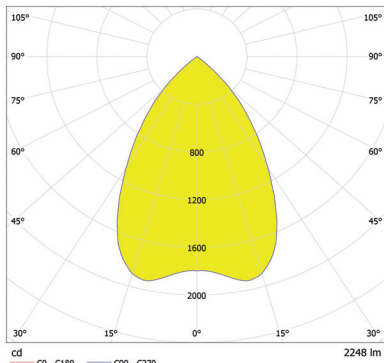


| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.6°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 5625 | 1730 | |
| 1.0 | 1.33 | 1406 | 433 | |
| 1.5 | 1.99 | 625 | 192 | |
| 2.0 | 2.66 | 352 | 108 | |
| 2.5 | 3.32 | 225 | 69 | |
| 3.0 | 3.99 | 156 | 48 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 67.2°)

Total Luminous Flux: 1742lm

Ambiane TW 67° 5000K

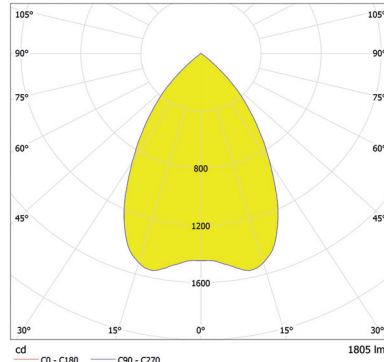


| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.4°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 7189 | 2238 | |
| 1.0 | 1.32 | 1797 | 560 | |
| 1.5 | 1.98 | 799 | 249 | |
| 2.0 | 2.64 | 449 | 140 | |
| 2.5 | 3.30 | 288 | 90 | |
| 3.0 | 3.96 | 200 | 62 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 66.8°)

Total Luminous Flux: 2248lm

Ambiane TW 67° 3000K

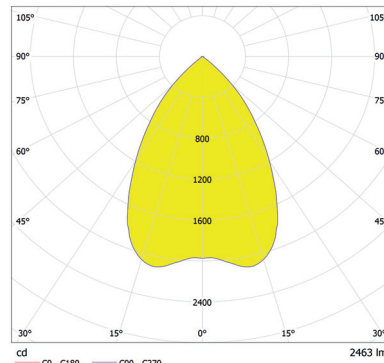


| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.3°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 5785 | 1800 | |
| 1.0 | 1.31 | 1446 | 455 | |
| 1.5 | 1.97 | 643 | 202 | |
| 2.0 | 2.63 | 362 | 114 | |
| 2.5 | 3.28 | 231 | 73 | |
| 3.0 | 3.94 | 161 | 51 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 66.6°)

Total Luminous Flux: 1805lm

Ambiane TW 67° 6500K



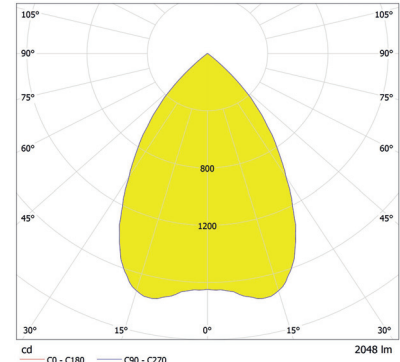
| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.4°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 7890 | 2462 | |
| 1.0 | 1.32 | 1973 | 615 | |
| 1.5 | 1.98 | 877 | 274 | |
| 2.0 | 2.64 | 493 | 154 | |
| 2.5 | 3.30 | 316 | 98 | |
| 3.0 | 3.96 | 219 | 68 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 66.8°)

Total Luminous Flux: 2463lm

For foot Candles divide lux by 10.7

Ambiane TW 67° 4000K

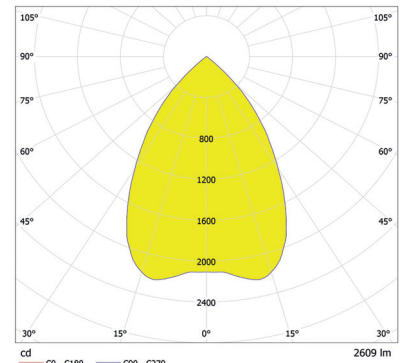


| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.6°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 6593 | 2033 | |
| 1.0 | 1.33 | 1648 | 508 | |
| 1.5 | 1.99 | 733 | 226 | |
| 2.0 | 2.66 | 412 | 127 | |
| 2.5 | 3.32 | 264 | 81 | |
| 3.0 | 3.99 | 183 | 56 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 67.2°)

Total Luminous Flux: 2048lm

Ambiane TW 67° 6800K



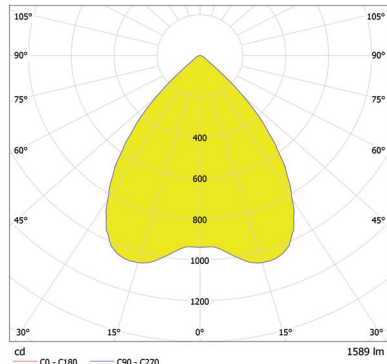
| Distance [m] | Cone Diameter [m] | E(0°) E(C0) | E(33.6°) E(C270) | Illuminance [lx] |
|--------------|-------------------|-------------|------------------|------------------|
| 0.5 | 0.66 | 8423 | 2590 | |
| 1.0 | 1.33 | 2106 | 648 | |
| 1.5 | 1.99 | 936 | 288 | |
| 2.0 | 2.66 | 536 | 162 | |
| 2.5 | 3.32 | 337 | 104 | |
| 3.0 | 3.99 | 234 | 72 | |

Distance [m] Cone Diameter [m]
C0 - C180 (Half-value Angle: 67.2°)

Total Luminous Flux: 2609lm

Photometric Data:

Ambiane TW 80° 2700K

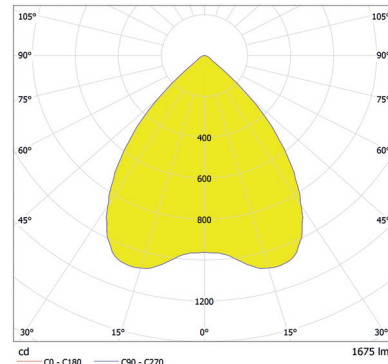


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.82 | 3751 973 | |
| 1.0 | 1.65 | 938 243 | |
| 1.5 | 2.47 | 417 108 | |
| 2.0 | 3.30 | 234 61 | |
| 2.5 | 4.12 | 150 39 | |
| 3.0 | 4.95 | 104 27 | |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.0°)

Total Luminous Flux: 97lm

Ambiane TW 80° 3000K



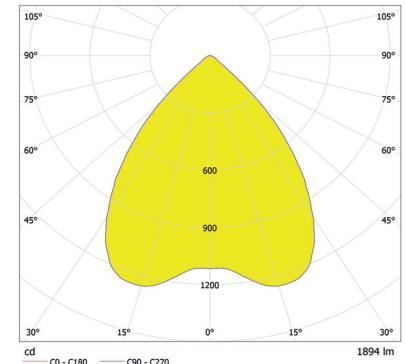
| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.84 | 3850 986 | |
| 1.0 | 1.67 | 962 247 | |
| 1.5 | 2.51 | 428 110 | |
| 2.0 | 3.34 | 241 62 | |
| 2.5 | 4.18 | 154 39 | |
| 3.0 | 5.02 | 107 27 | |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.8°)

Total Luminous Flux: 173lm

For foot Candles divide lux by 10.7

Ambiane TW 80° 4000K

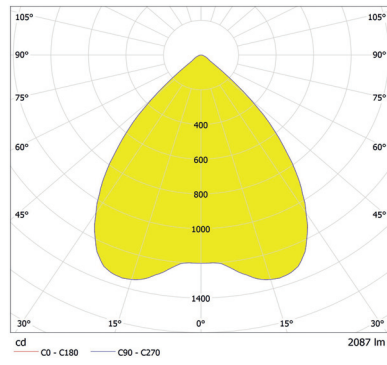


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.82 | 4471 1163 | |
| 1.0 | 1.65 | 1118 291 | |
| 1.5 | 2.47 | 497 129 | |
| 2.0 | 3.30 | 279 73 | |
| 2.5 | 4.12 | 179 47 | |
| 3.0 | 4.95 | 124 32 | |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.0°)

Total Luminous Flux: 863lm

Ambiane TW 80° 5000K

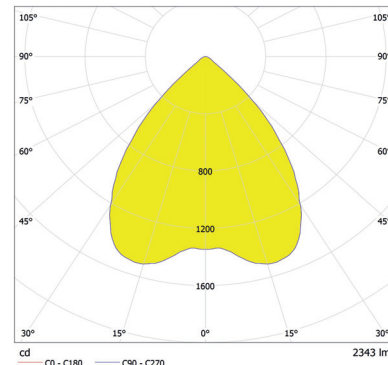


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.84 | 4799 1224 | |
| 1.0 | 1.68 | 1200 306 | |
| 1.5 | 2.52 | 533 136 | |
| 2.0 | 3.36 | 300 76 | |
| 2.5 | 4.20 | 192 49 | |
| 3.0 | 5.03 | 133 34 | |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 80.0°)

Total Luminous Flux: 1454lm

Ambiane TW 80° 6500K

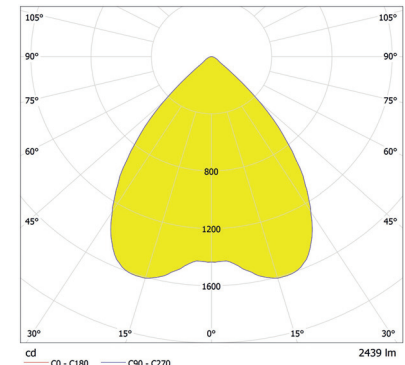


| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.84 | 5383 1368 | |
| 1.0 | 1.68 | 1346 342 | |
| 1.5 | 2.52 | 598 152 | |
| 2.0 | 3.36 | 336 85 | |
| 2.5 | 4.20 | 215 55 | |
| 3.0 | 5.03 | 150 38 | |

Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 80.0°)

Total Luminous Flux: 18394lm

Ambiane TW 80° 6800K



| Distance [m] | Cone Diameter [m] | E(0°) E(CD) | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5 | 0.83 | 5738 1484 | |
| 1.0 | 1.65 | 1434 371 | |
| 1.5 | 2.48 | 638 165 | |
| 2.0 | 3.31 | 359 93 | |
| 2.5 | 4.14 | 230 59 | |
| 3.0 | 4.96 | 159 41 | |

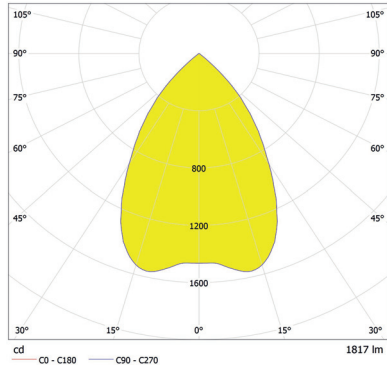
Distance [m] Cone Diameter [m]
CO - C180 (Half-value Angle: 79.2°)

Total Luminous Flux: 18394lm

Photometric Data:

For foot Candles divide lux by 10.7

Ambiane PW 67° 3200K

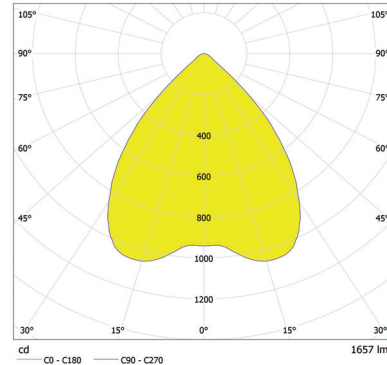


| Distance [m] | Cone Diameter [m] | E(0°) [lx] | E(CD) [lx] |
|--------------|-------------------|------------|------------|
| 0.5 | 0.66 | 5859 | 1816 |
| 1.0 | 1.32 | 1465 | 454 |
| 1.5 | 1.99 | 651 | 202 |
| 2.0 | 2.65 | 366 | 113 |
| 2.5 | 3.31 | 234 | 73 |
| 3.0 | 3.97 | 163 | 50 |

Distance [m] Cone Diameter [m]
 — CD - C180 (Half-value Angle: 67.0°) — Illuminance [lx]

Total Luminous Flux: 1817lm

Ambiane PW 80° 3200K



| Distance [m] | Cone Diameter [m] | E(0°) [lx] | E(CD) [lx] |
|--------------|-------------------|------------|------------|
| 0.5 | 0.85 | 3762 | 941 |
| 1.0 | 1.70 | 941 | 235 |
| 1.5 | 2.54 | 418 | 105 |
| 2.0 | 3.39 | 235 | 59 |
| 2.5 | 4.24 | 150 | 38 |
| 3.0 | 5.09 | 105 | 26 |

Distance [m] Cone Diameter [m]
 — CD - C180 (Half-value Angle: 80.6°) — Illuminance [lx]

Total Luminous Flux: 1657lm