

Report No.:

Test Time: 2020/11/26 11:41

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: FOB RIBBON

Luminaire Description: DC24V 360LEDS 10MM 14W/M

Lamp Catalog: 6000K RA>90

Number of Lamps: 360

Luminous Width (mm): 10

Voltage: 24.0 V

Power: 14.36 W

Lamp Description: FOB 6000K

Luminous Length (mm): 1000

Luminous Height (mm): 2

Current: 0.598 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1045.6 lm

Downward Ratio: 96%

Horizontal Diffuse Angle(10%,50%): H160.4,H116.2

Vertical Diffuse Angle(10%,50%): V196,V150.4

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 282.58 cd

Total Rated Lamp Lumens: 1045.6 lm

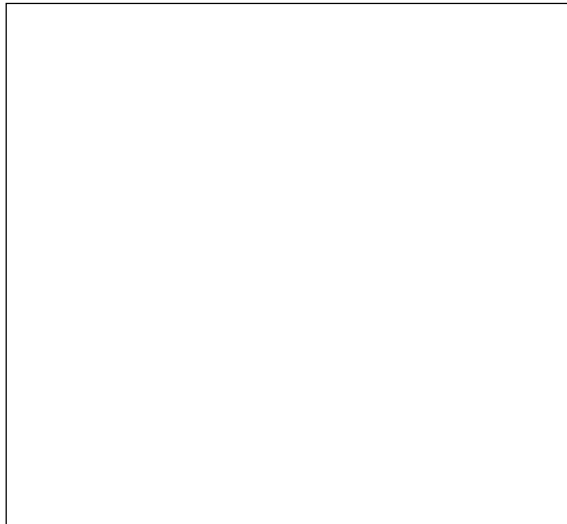
Efficiency: 100%

Upward Ratio: 4%

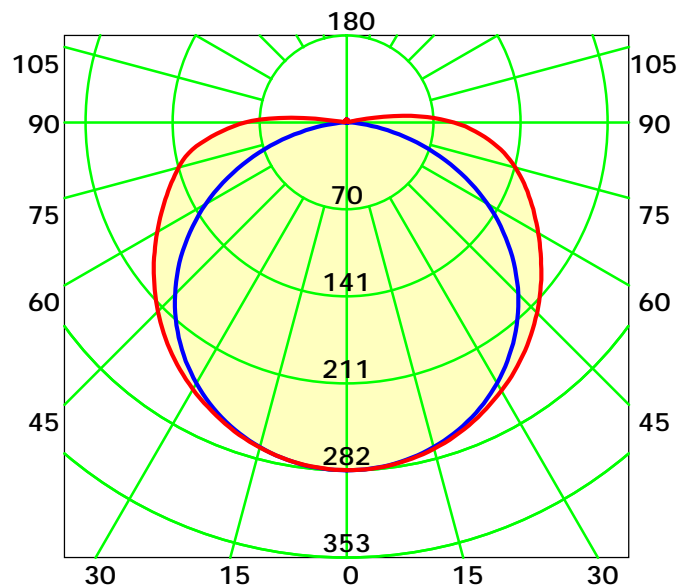
Central Intensity: 282.35 cd

Pos of Max. Intensity: H150 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 133.3° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

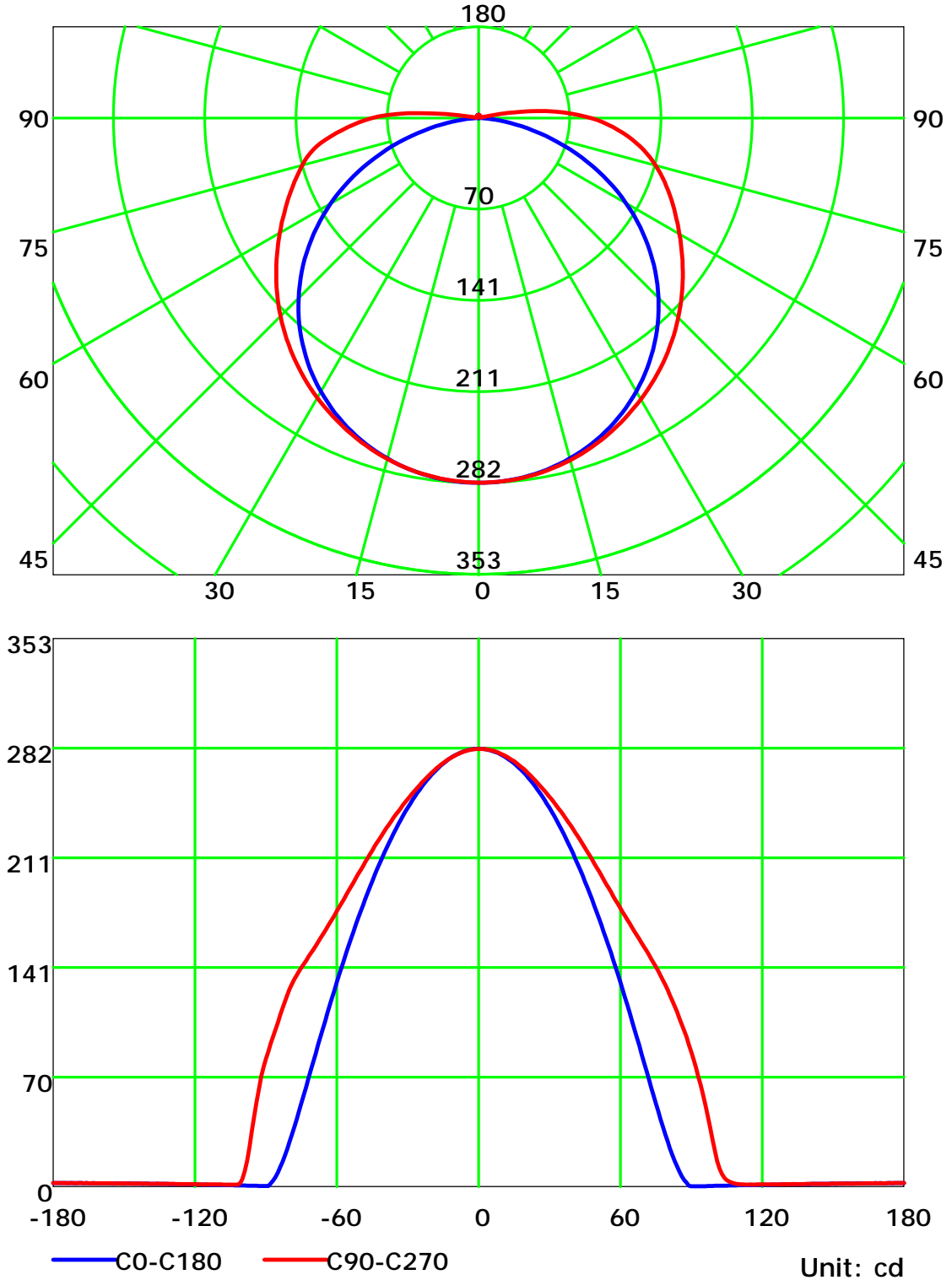
Distance: 9.028 m

Humidity: 60%

Inspector:



Luminous Intensity Distribution Curve

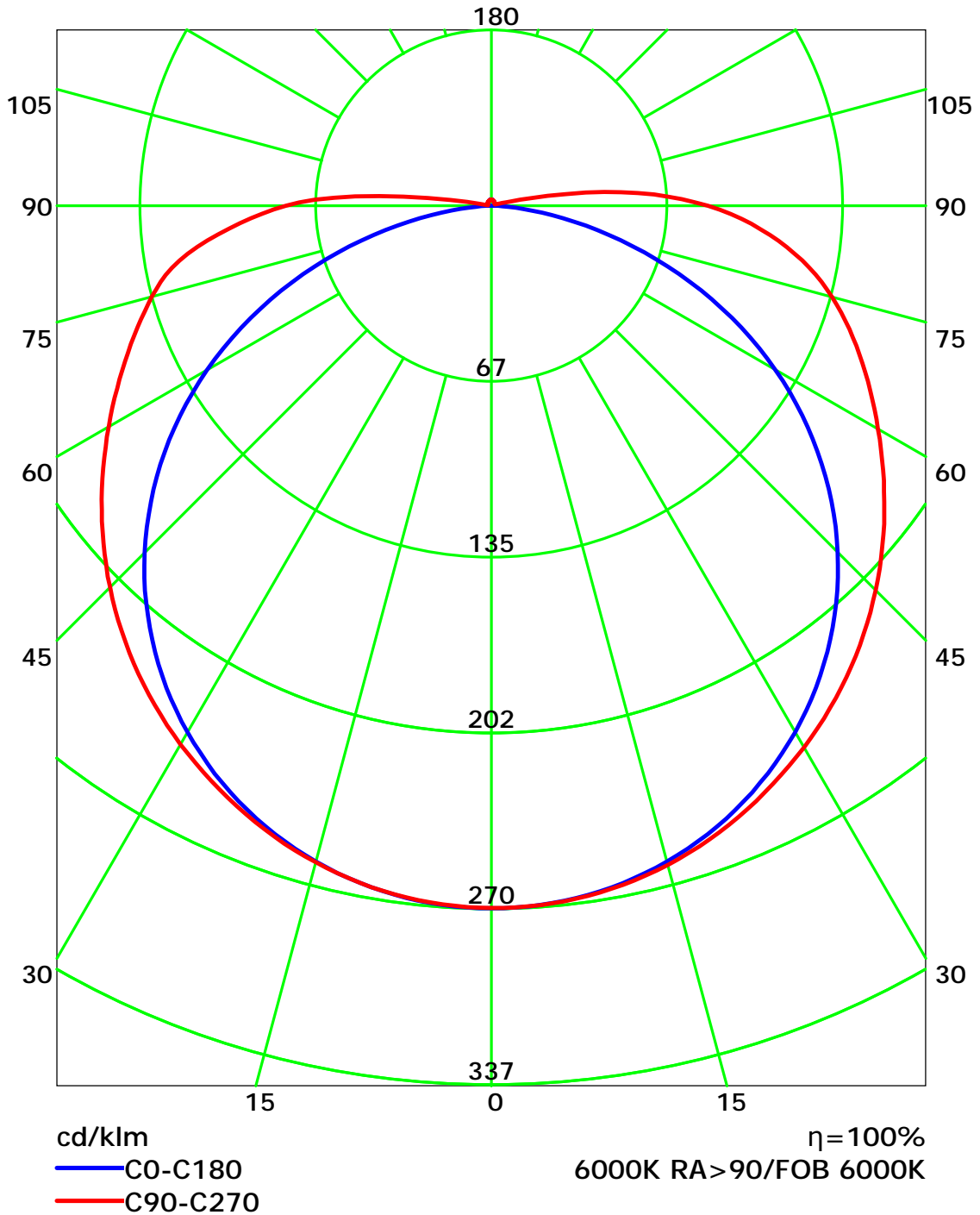


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

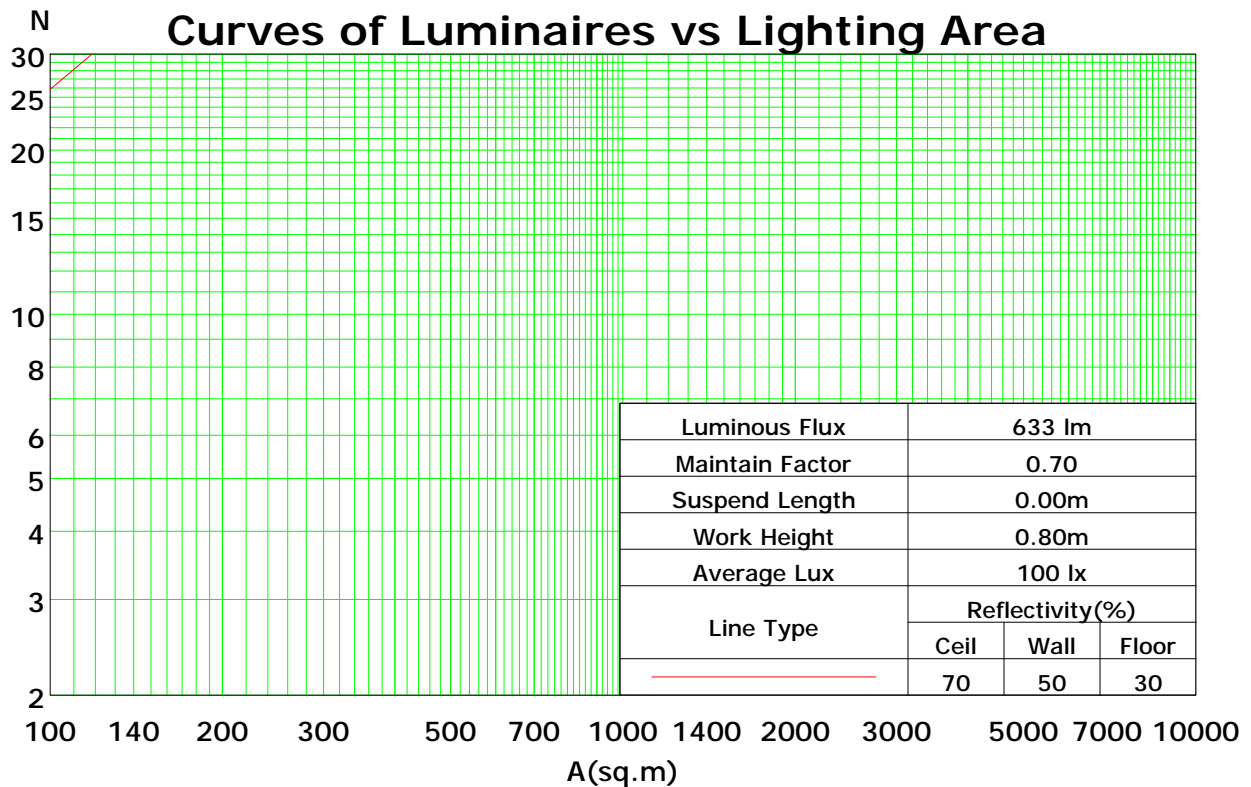
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RC | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 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 | 0.7 | 0.5 | 0.3 | 0.1 | 0.7 | 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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 96 |
| 1 | 105 | 99 | 94 | 89 | 102 | 96 | 91 | 87 | 91 | 87 | 84 | 87 | 83 | 80 | 82 | 80 | 77 | 75 |
| 2 | 94 | 85 | 77 | 70 | 91 | 82 | 75 | 69 | 78 | 72 | 67 | 74 | 69 | 65 | 71 | 66 | 63 | 60 |
| 3 | 85 | 74 | 64 | 57 | 82 | 72 | 63 | 56 | 68 | 61 | 55 | 65 | 58 | 53 | 62 | 56 | 52 | 49 |
| 4 | 78 | 65 | 55 | 48 | 75 | 63 | 54 | 47 | 60 | 52 | 46 | 57 | 50 | 45 | 54 | 49 | 44 | 41 |
| 5 | 71 | 57 | 48 | 40 | 69 | 56 | 47 | 40 | 53 | 45 | 39 | 51 | 44 | 39 | 49 | 43 | 38 | 35 |
| 6 | 66 | 51 | 42 | 35 | 63 | 50 | 41 | 35 | 48 | 40 | 34 | 46 | 39 | 33 | 44 | 38 | 33 | 31 |
| 7 | 61 | 47 | 37 | 31 | 59 | 46 | 37 | 30 | 44 | 36 | 30 | 42 | 35 | 29 | 40 | 34 | 29 | 27 |
| 8 | 57 | 42 | 33 | 27 | 55 | 41 | 33 | 27 | 40 | 32 | 27 | 38 | 31 | 26 | 37 | 31 | 26 | 24 |
| 9 | 53 | 39 | 30 | 24 | 51 | 38 | 30 | 24 | 37 | 29 | 24 | 35 | 28 | 24 | 34 | 28 | 23 | 21 |
| 10 | 49 | 36 | 27 | 22 | 48 | 35 | 27 | 22 | 34 | 27 | 22 | 33 | 26 | 21 | 31 | 25 | 21 | 19 |

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.33

Spacing Criteria (Diagonal): 1.44



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

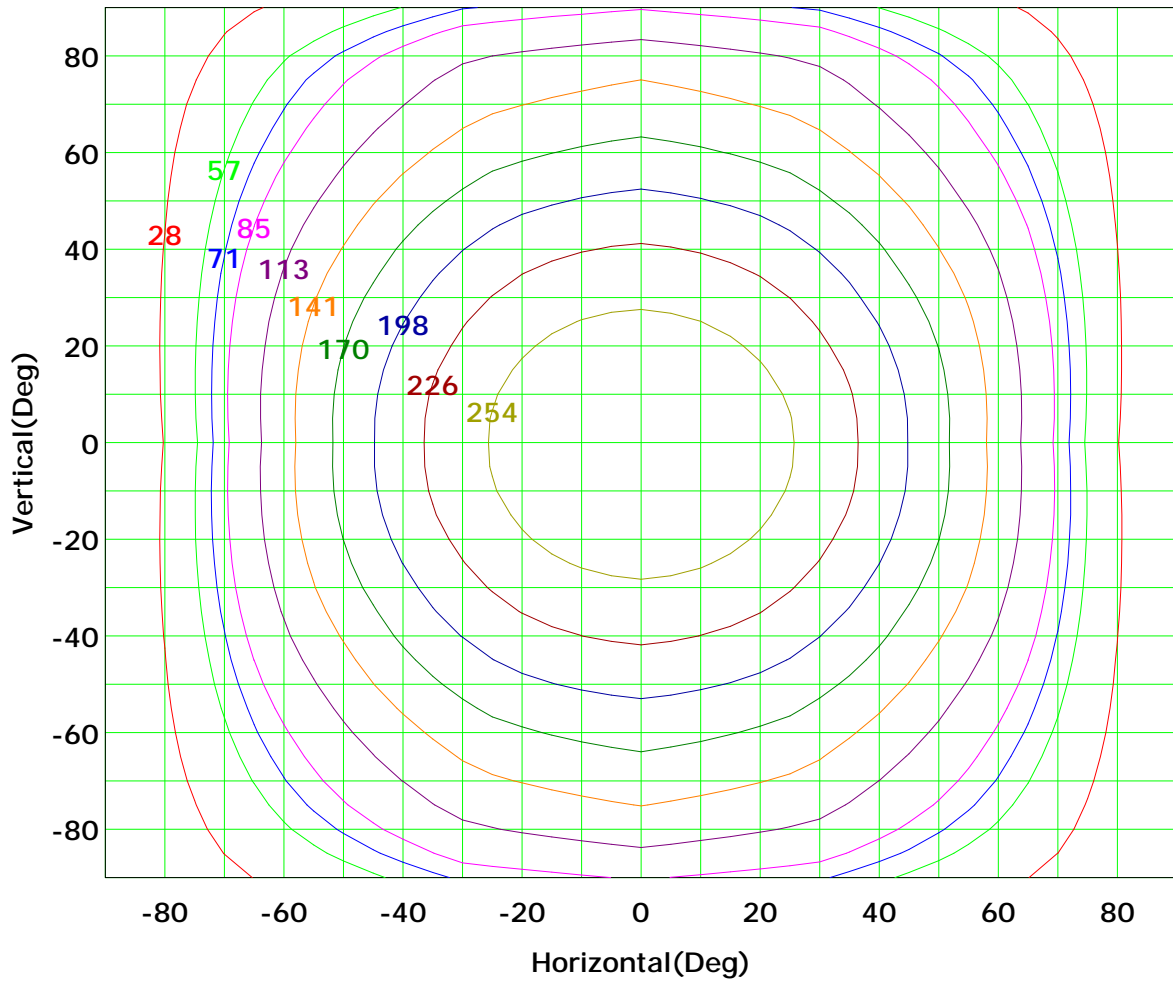
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



I_{max} (100%): 283 cd

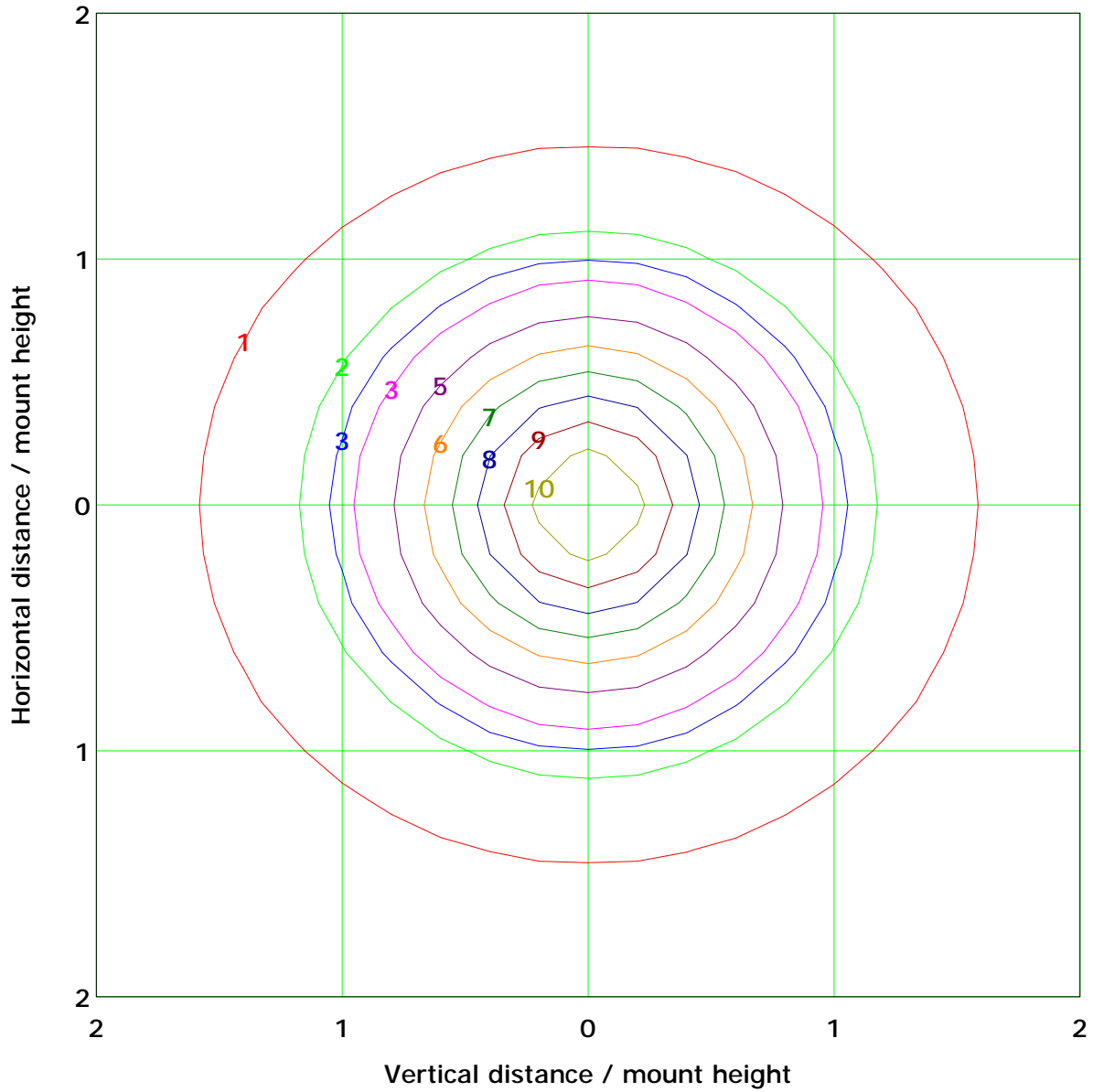
| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 28 cd | — (20%): | 57 cd |
| — (25%): | 71 cd | — (30%): | 85 cd |
| — (40%): | 113 cd | — (50%): | 141 cd |
| — (60%): | 170 cd | — (70%): | 198 cd |
| — (80%): | 226 cd | — (90%): | 254 cd |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



IsoLux Plot



| | | |
|-----------------------|----------------|------------------------|
| Mounting Height: 5.0m | | Max Lux(100%): 11.3 lx |
| (10%): 1.1 lx | (20%): 2.3 lx | (30%): 3.4 lx |
| (25%): 2.8 lx | (40%): 4.5 lx | (50%): 5.7 lx |
| (60%): 6.8 lx | (70%): 7.9 lx | (90%): 10.2 lx |
| (80%): 9.0 lx | | |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

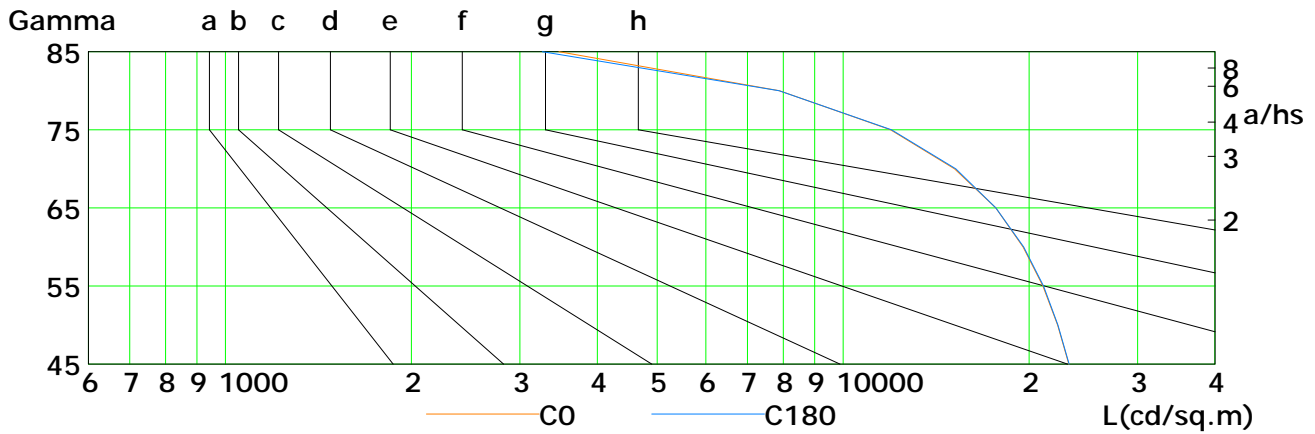
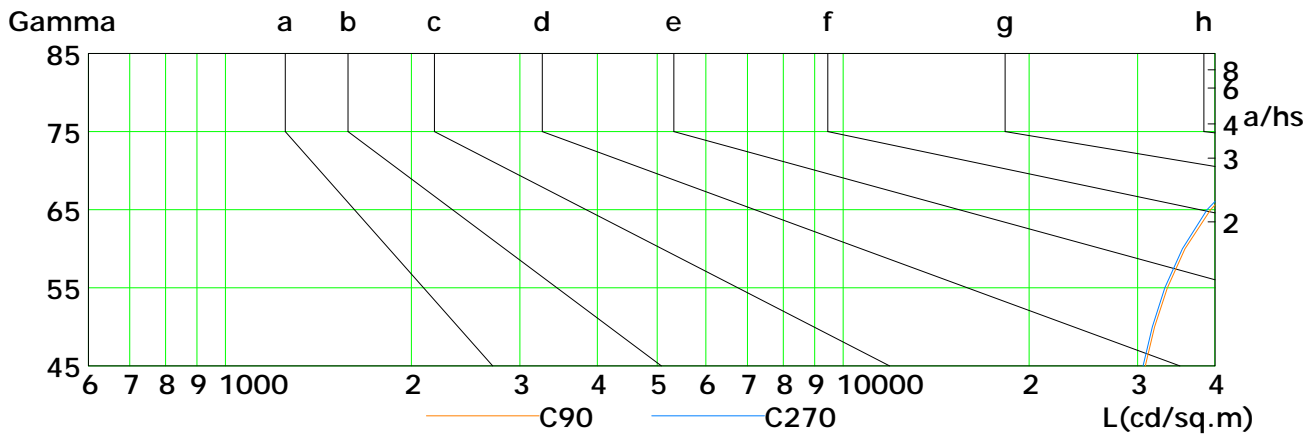
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| | | 2000 | 1000 | 500 | <=300 | | | | |
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |

a b c d e f g h

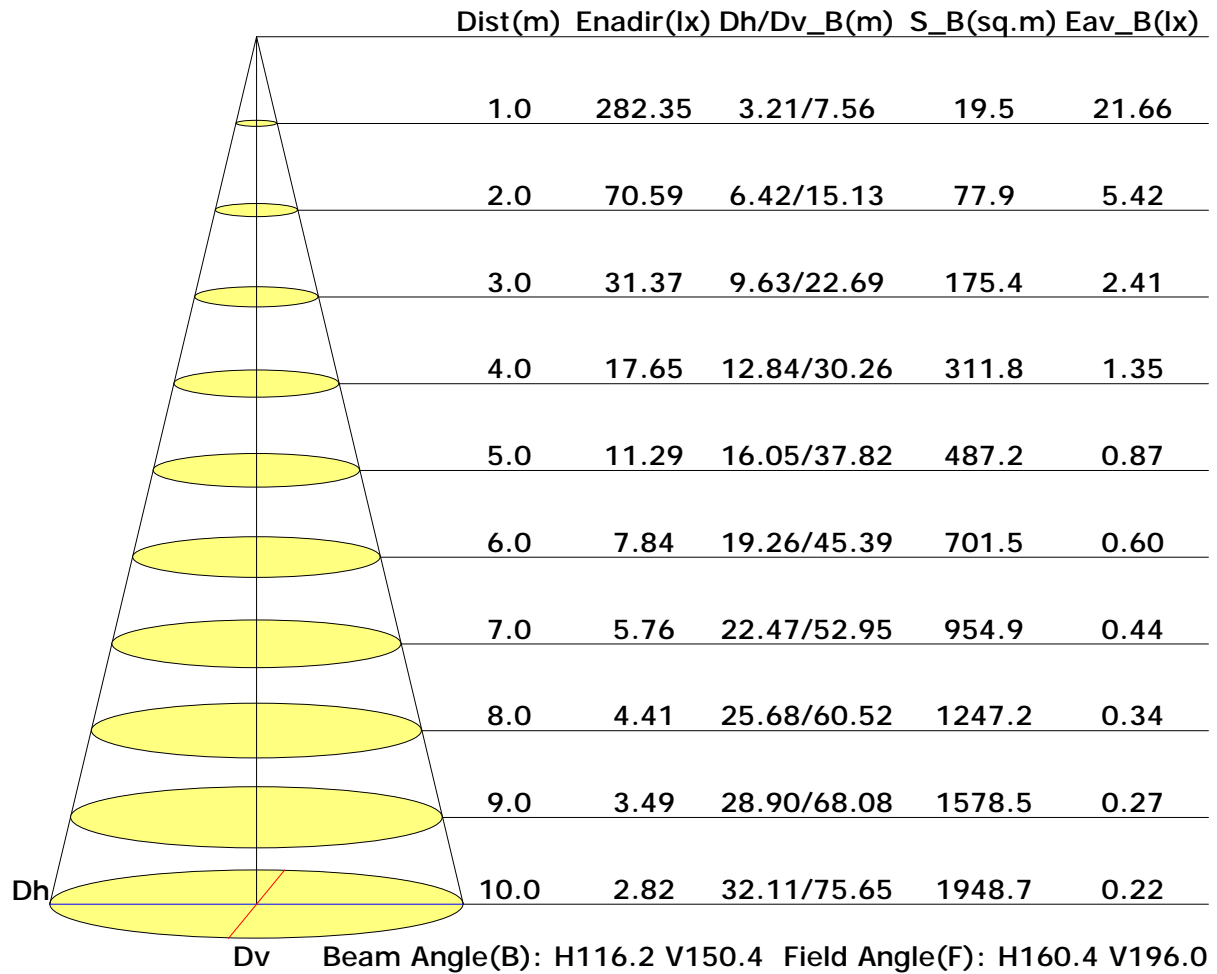


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| C0 | 23212 | 22248 | 21063 | 19571 | 17674 | 15162 | 11934 | 7892 | 3467 |
| C90 | 30846 | 31936 | 33499 | 35778 | 39373 | 44990 | 54420 | 72282 | 121842 |
| C180 | 23234 | 22284 | 21108 | 19615 | 17684 | 15229 | 11976 | 7882 | 3261 |
| C270 | 30607 | 31675 | 33200 | 35423 | 38866 | 44452 | 54205 | 72578 | 118836 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Illuminance at a Distance

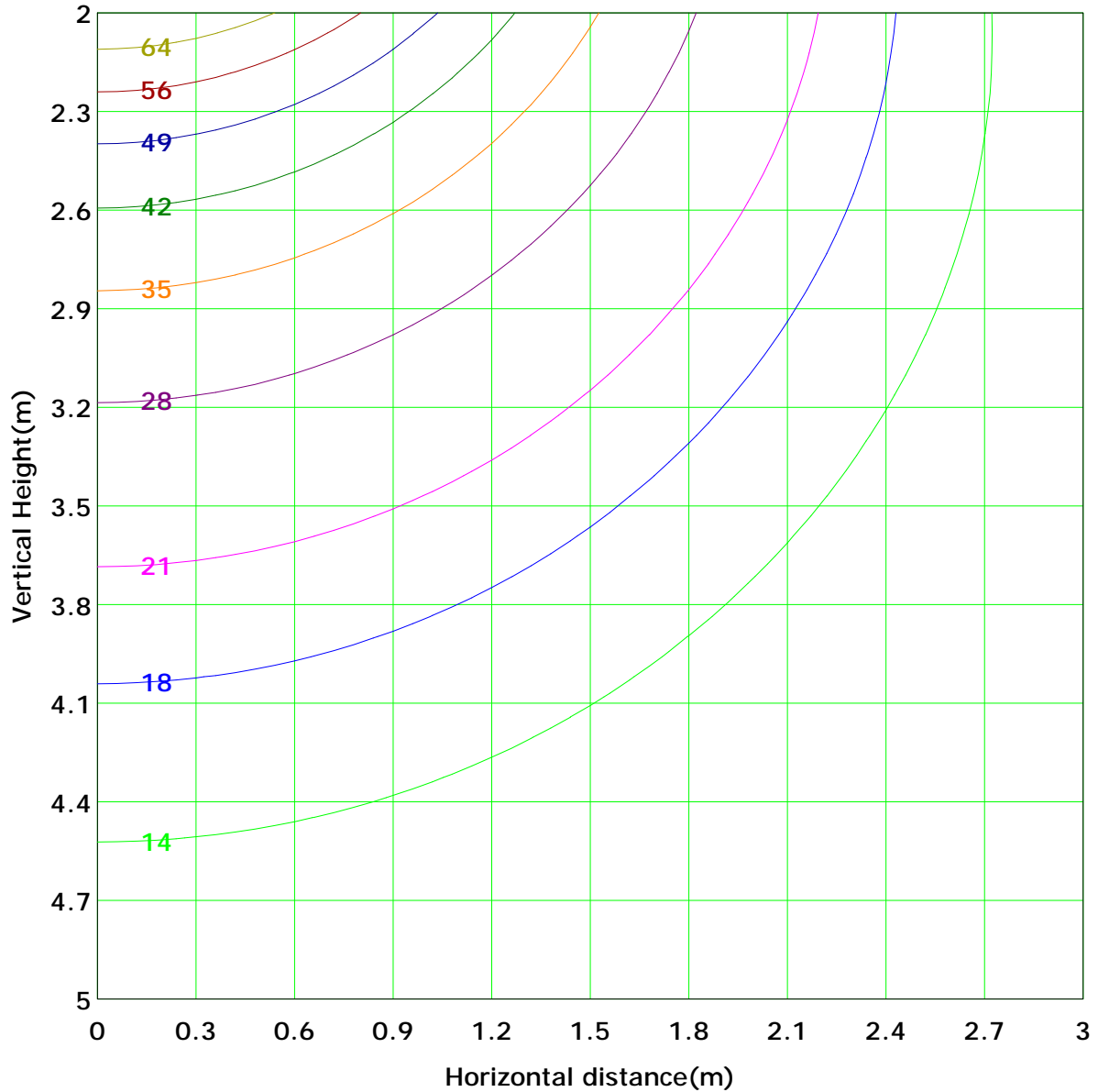


C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:



Vertical IsoLux Plot



| | | |
|-----------------|------------------|------------------|
| Lowest(m): 2.0m | Highest(m): 5.0m | Max Lux: 70.6 lx |
| (10%): 7.1 lx | (20%): 14.1 lx | (30%): 21.2 lx |
| (25%): 17.6 lx | (40%): 28.2 lx | (50%): 35.3 lx |
| (60%): 42.4 lx | (70%): 49.4 lx | (90%): 63.5 lx |
| (80%): 56.5 lx | | |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Area Flux Table

Unit: lm

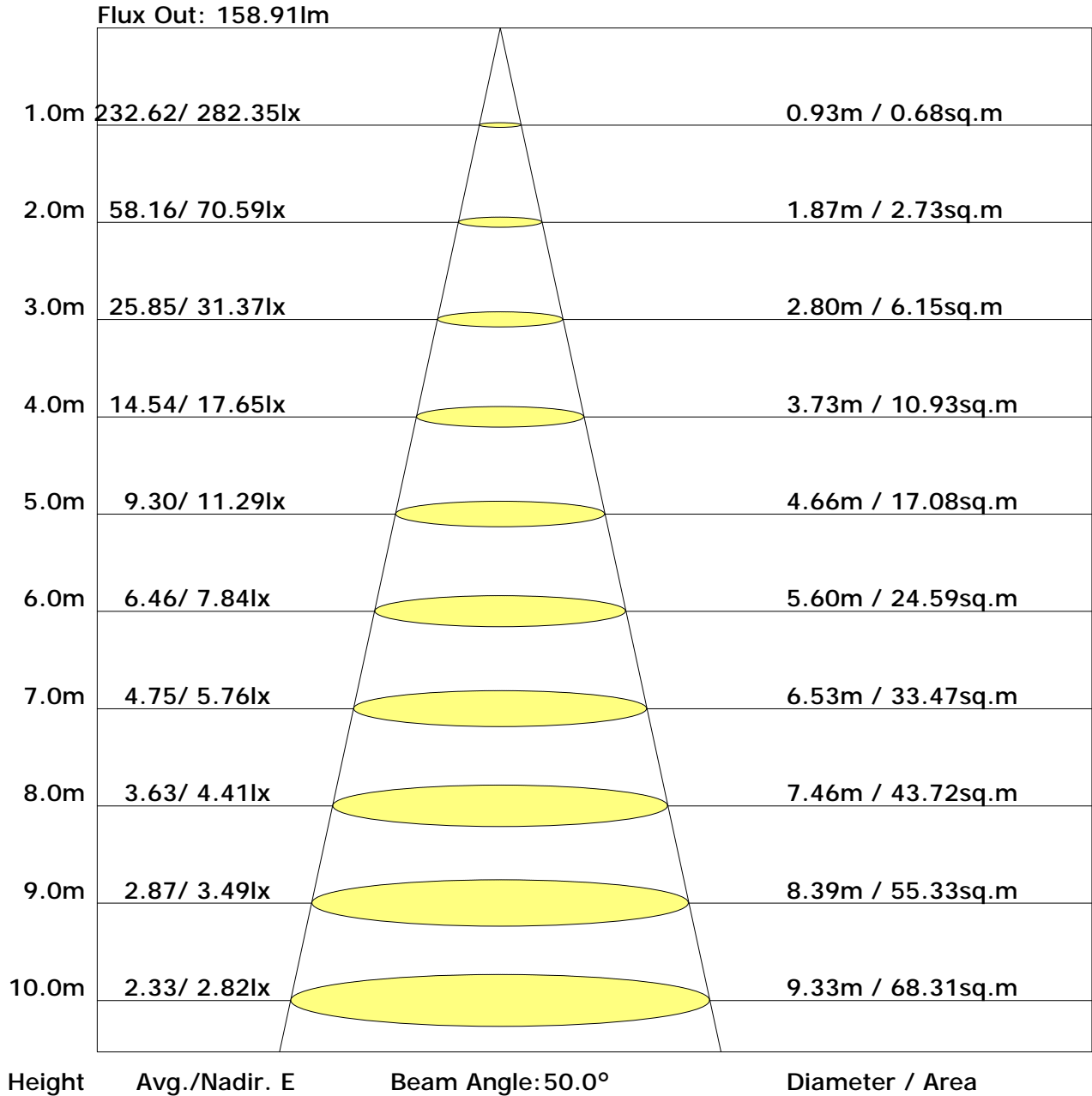
| | | Vertical plane | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|----------------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|-----|-----|-----|------|---------|---------|
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |
| Horizontal plane | -90 | 0.0 | 0.2 | 0.4 | 0.9 | 1.4 | 2.0 | 2.5 | 2.9 | 3.1 | 3.1 | 2.9 | 2.6 | 2.1 | 1.4 | 0.9 | 0.5 | 0.2 | 0.0 | 0.0 | 27.1 | 26.7 |
| | -80 | 0.0 | 0.2 | 0.7 | 1.3 | 2.0 | 2.8 | 3.4 | 3.9 | 4.2 | 4.2 | 3.9 | 3.5 | 2.8 | 2.0 | 1.3 | 0.7 | 0.2 | 0.0 | 0.0 | 37.0 | 36.7 |
| | -70 | 0.0 | 0.3 | 0.8 | 1.5 | 2.4 | 3.3 | 4.1 | 4.6 | 4.9 | 4.9 | 4.6 | 4.1 | 3.3 | 2.4 | 1.5 | 0.8 | 0.3 | 0.0 | 0.0 | 43.8 | 43.7 |
| | -60 | 0.0 | 0.3 | 0.9 | 1.8 | 2.8 | 3.8 | 4.7 | 5.3 | 5.7 | 5.7 | 5.4 | 4.7 | 3.8 | 2.8 | 1.8 | 1.0 | 0.3 | 0.0 | 0.0 | 51.1 | 51.0 |
| | -50 | 0.0 | 0.4 | 1.1 | 2.1 | 3.2 | 4.4 | 5.4 | 6.1 | 6.5 | 6.5 | 6.1 | 5.4 | 4.4 | 3.2 | 2.1 | 1.1 | 0.4 | 0.0 | 0.0 | 58.3 | 58.2 |
| | -40 | 0.0 | 0.4 | 1.2 | 2.3 | 3.6 | 4.8 | 6.0 | 6.8 | 7.2 | 7.2 | 6.8 | 6.0 | 4.9 | 3.6 | 2.3 | 1.2 | 0.4 | 0.0 | 0.0 | 64.8 | 64.8 |
| | -30 | 0.0 | 0.4 | 1.3 | 2.5 | 3.9 | 5.2 | 6.4 | 7.3 | 7.8 | 7.8 | 7.3 | 6.5 | 5.3 | 3.9 | 2.5 | 1.3 | 0.4 | 0.0 | 0.0 | 70.2 | 70.1 |
| | -20 | 0.0 | 0.5 | 1.4 | 2.7 | 4.1 | 5.6 | 6.8 | 7.7 | 8.2 | 8.2 | 7.8 | 7.0 | 6.8 | 5.6 | 4.1 | 2.7 | 1.4 | 0.5 | 0.0 | 74.1 | 74.0 |
| | -10 | 0.0 | 0.5 | 1.4 | 2.7 | 4.2 | 5.7 | 7.0 | 8.0 | 8.5 | 8.5 | 8.0 | 7.0 | 6.8 | 5.7 | 4.2 | 2.7 | 1.4 | 0.5 | 0.0 | 76.1 | 76.0 |
| | 0 | 0.0 | 0.5 | 1.4 | 2.7 | 4.2 | 5.7 | 7.0 | 8.0 | 8.5 | 8.5 | 8.0 | 7.0 | 6.8 | 5.7 | 4.2 | 2.7 | 1.4 | 0.5 | 0.0 | 76.2 | 76.1 |
| | 10 | 0.0 | 0.5 | 1.4 | 2.7 | 4.1 | 5.6 | 6.8 | 7.8 | 8.3 | 8.3 | 7.8 | 7.0 | 6.8 | 5.7 | 4.2 | 2.7 | 1.4 | 0.5 | 0.0 | 74.3 | 74.3 |
| | 20 | 0.0 | 0.5 | 1.4 | 2.7 | 4.2 | 5.7 | 7.0 | 8.0 | 8.5 | 8.5 | 8.0 | 7.0 | 6.8 | 5.7 | 4.2 | 2.7 | 1.4 | 0.5 | 0.0 | 70.6 | 70.5 |
| | 30 | 0.0 | 0.5 | 1.3 | 2.5 | 3.9 | 5.3 | 6.5 | 7.4 | 7.8 | 7.8 | 7.4 | 6.5 | 5.3 | 3.9 | 2.5 | 1.3 | 0.5 | 0.0 | 0.0 | 58.8 | 58.7 |
| | 40 | 0.0 | 0.4 | 1.2 | 2.3 | 3.6 | 4.9 | 6.0 | 6.8 | 7.3 | 7.3 | 6.8 | 6.0 | 4.9 | 3.6 | 2.3 | 1.2 | 0.4 | 0.0 | 0.0 | 65.3 | 65.2 |
| | 50 | 0.0 | 0.4 | 1.1 | 2.1 | 3.2 | 4.4 | 5.4 | 6.2 | 6.6 | 6.6 | 6.2 | 5.4 | 4.4 | 3.2 | 2.1 | 1.1 | 0.4 | 0.0 | 0.0 | 51.6 | 51.5 |
| | 60 | 0.0 | 0.3 | 1.0 | 1.8 | 2.8 | 3.9 | 4.8 | 5.4 | 5.8 | 5.8 | 5.4 | 4.8 | 3.9 | 2.8 | 1.8 | 1.0 | 0.3 | 0.0 | 0.0 | 44.4 | 44.2 |
| | 70 | 0.0 | 0.3 | 0.8 | 1.5 | 2.4 | 3.3 | 4.1 | 4.6 | 5.0 | 5.0 | 4.7 | 4.1 | 3.3 | 2.4 | 1.6 | 0.8 | 0.3 | 0.0 | 0.0 | 37.1 | 36.9 |
| | 80 | 0.0 | 0.2 | 0.7 | 1.3 | 2.0 | 2.8 | 3.5 | 3.9 | 4.2 | 4.2 | 3.9 | 3.5 | 2.8 | 2.0 | 1.3 | 0.7 | 0.2 | 0.0 | 0.0 | 27.8 | 27.4 |
| 90 | 0.7 | 6.4 | 18.6 | 35.7 | 55.4 | 75.5 | 93.1 | 105.6 | 112.7 | 112.8 | 105.8 | 93.3 | 75.7 | 55.6 | 35.8 | 18.7 | 6.4 | 0.7 | 0.0 | 1009 | | |
| | 0.1 | 5.8 | 18.6 | 35.7 | 55.4 | 75.5 | 93.1 | 105.6 | 112.7 | 112.8 | 105.8 | 93.3 | 75.7 | 55.6 | 35.8 | 18.6 | 5.8 | 0.1 | | | 1006 | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:



The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Kerr

Gamma Plane (°):0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:



UGR Table

| Reflectance: | | | | | | | | | | |
|------------------|------------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H Y=2H | 22.5 | 24.2 | 23.0 | 24.6 | 25.0 | 23.2 | 24.9 | 23.6 | 25.3 | 25.7 |
| 3H | 24.4 | 26.0 | 24.9 | 26.4 | 26.8 | 25.8 | 27.4 | 26.3 | 27.8 | 28.2 |
| 4H | 25.1 | 26.6 | 25.6 | 27.0 | 27.5 | 27.1 | 28.6 | 27.6 | 29.0 | 29.4 |
| 6H | 25.6 | 27.0 | 26.1 | 27.4 | 27.9 | 28.4 | 29.8 | 28.8 | 30.2 | 30.6 |
| 8H | 25.8 | 27.1 | 26.2 | 27.5 | 28.0 | 29.0 | 30.3 | 29.5 | 30.7 | 31.2 |
| 12H | 25.9 | 27.1 | 26.3 | 27.6 | 28.1 | 29.6 | 30.8 | 30.0 | 31.3 | 31.8 |
| X=4H Y=2H | 23.4 | 24.8 | 23.8 | 25.3 | 25.7 | 23.9 | 25.4 | 24.3 | 25.8 | 26.2 |
| 3H | 25.5 | 26.8 | 26.0 | 27.3 | 27.7 | 26.8 | 28.1 | 27.3 | 28.5 | 29.0 |
| 4H | 26.4 | 27.6 | 26.9 | 28.1 | 28.6 | 28.3 | 29.4 | 28.7 | 29.9 | 30.4 |
| 6H | 27.1 | 28.2 | 27.6 | 28.7 | 29.2 | 29.7 | 30.8 | 30.2 | 31.3 | 31.8 |
| 8H | 27.4 | 28.3 | 27.9 | 28.8 | 29.4 | 30.4 | 31.4 | 30.9 | 31.9 | 32.4 |
| 12H | 27.5 | 28.4 | 28.0 | 28.9 | 29.5 | 31.1 | 32.0 | 31.6 | 32.5 | 33.1 |
| X=8H Y=4H | 27.2 | 28.1 | 27.7 | 28.6 | 29.2 | 28.7 | 29.7 | 29.2 | 30.2 | 30.7 |
| 6H | 28.1 | 29.0 | 28.7 | 29.5 | 30.0 | 30.4 | 31.2 | 30.9 | 31.8 | 32.3 |
| 8H | 28.5 | 29.3 | 29.1 | 29.8 | 30.4 | 31.2 | 32.0 | 31.8 | 32.6 | 33.1 |
| 12H | 28.8 | 29.5 | 29.4 | 30.1 | 30.7 | 32.1 | 32.8 | 32.7 | 33.3 | 34.0 |
| X=12H Y=4H | 27.4 | 28.3 | 27.9 | 28.8 | 29.3 | 28.8 | 29.6 | 29.3 | 30.2 | 30.7 |
| 6H | 28.5 | 29.2 | 29.0 | 29.7 | 30.3 | 30.5 | 31.3 | 31.1 | 31.8 | 32.4 |
| 8H | 29.0 | 29.7 | 29.5 | 30.2 | 30.8 | 31.5 | 32.1 | 32.0 | 32.7 | 33.3 |

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:



Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 1.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.53 | 0.61 | 0.68 | 0.74 | 0.81 | 0.86 | 0.90 | 0.95 | 0.98 | |
| | 0.30 | | 0.45 | 0.53 | 0.60 | 0.66 | 0.74 | 0.79 | 0.84 | 0.89 | 0.94 | |
| | 0.20 | | 0.39 | 0.46 | 0.54 | 0.59 | 0.68 | 0.74 | 0.78 | 0.85 | 0.89 | |
| 0.50 | 0.50 | 0.20 | 0.51 | 0.58 | 0.65 | 0.70 | 0.77 | 0.82 | 0.85 | 0.90 | 0.93 | |
| | 0.30 | | 0.44 | 0.51 | 0.58 | 0.63 | 0.71 | 0.76 | 0.80 | 0.86 | 0.89 | |
| | 0.20 | | 0.38 | 0.46 | 0.53 | 0.58 | 0.66 | 0.71 | 0.76 | 0.82 | 0.86 | |
| 0.30 | 0.50 | 0.20 | 0.49 | 0.56 | 0.63 | 0.67 | 0.74 | 0.78 | 0.81 | 0.86 | 0.89 | |
| | 0.30 | | 0.43 | 0.50 | 0.57 | 0.61 | 0.68 | 0.73 | 0.77 | 0.82 | 0.86 | |
| | 0.20 | | 0.38 | 0.45 | 0.52 | 0.57 | 0.64 | 0.69 | 0.73 | 0.79 | 0.83 | |
| 0.00 | 0.00 | 0.00 | 0.35 | 0.42 | 0.48 | 0.53 | 0.60 | 0.65 | 0.69 | 0.74 | 0.77 | |
| <p>Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |



Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 1.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 1.03 | 0.90 | 0.77 | 0.69 | 0.56 | 0.48 | 0.42 | 0.33 | 0.28 | |
| | 0.30 | | 0.86 | 0.77 | 0.67 | 0.61 | 0.51 | 0.44 | 0.39 | 0.32 | 0.27 | |
| | 0.20 | | 0.74 | 0.67 | 0.60 | 0.54 | 0.46 | 0.41 | 0.36 | 0.30 | 0.25 | |
| 0.50 | 0.50 | 0.20 | 0.99 | 0.86 | 0.74 | 0.66 | 0.54 | 0.49 | 0.40 | 0.32 | 0.27 | |
| | 0.30 | | 0.84 | 0.74 | 0.65 | 0.59 | 0.49 | 0.42 | 0.37 | 0.30 | 0.25 | |
| | 0.20 | | 0.73 | 0.66 | 0.58 | 0.53 | 0.45 | 0.39 | 0.35 | 0.29 | 0.24 | |
| 0.30 | 0.50 | 0.20 | 0.96 | 0.82 | 0.71 | 0.63 | 0.51 | 0.44 | 0.38 | 0.31 | 0.26 | |
| | 0.30 | | 0.82 | 0.72 | 0.63 | 0.57 | 0.47 | 0.41 | 0.36 | 0.29 | 0.25 | |
| | 0.20 | | 0.72 | 0.64 | 0.57 | 0.52 | 0.44 | 0.38 | 0.34 | 0.28 | 0.24 | |
| 0.00 | 0.00 | 0.00 | 0.61 | 0.55 | 0.48 | 0.44 | 0.37 | 0.32 | 0.28 | 0.23 | 0.19 | |
| <p>Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 1.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.20 | 0.21 | 0.22 | 0.23 | 0.24 | 0.24 | 0.25 | 0.25 | 0.26 | |
| | 0.30 | | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | |
| | 0.20 | | 0.08 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 | |
| 0.50 | 0.50 | 0.20 | 0.19 | 0.21 | 0.21 | 0.22 | 0.23 | 0.23 | 0.24 | 0.24 | 0.24 | |
| | 0.30 | | 0.13 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | |
| | 0.20 | | 0.08 | 0.09 | 0.10 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.19 | |
| 0.30 | 0.50 | 0.20 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 | 0.23 | 0.23 | 0.23 | |
| | 0.30 | | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | |
| | 0.20 | | 0.08 | 0.09 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | |
| 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | |
| <p>Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |



Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 282.3 | 0.3 | 0.3 | 0.03 | 0.03 |
| 1.0-2.0 | 282.2 | 0.8 | 1.1 | 0.08 | 0.10 |
| 2.0-3.0 | 282.1 | 1.3 | 2.4 | 0.13 | 0.23 |
| 3.0-4.0 | 281.8 | 1.9 | 4.3 | 0.18 | 0.41 |
| 4.0-5.0 | 281.5 | 2.4 | 6.7 | 0.23 | 0.64 |
| 5.0-6.0 | 281.1 | 3.0 | 9.7 | 0.28 | 0.93 |
| 6.0-7.0 | 280.6 | 3.5 | 13.2 | 0.33 | 1.26 |
| 7.0-8.0 | 280.0 | 4.0 | 17.2 | 0.38 | 1.64 |
| 8.0-9.0 | 279.4 | 4.5 | 21.7 | 0.43 | 2.08 |
| 9.0-10.0 | 278.7 | 5.0 | 26.8 | 0.48 | 2.56 |
| 10.0-11.0 | 277.9 | 5.6 | 32.3 | 0.53 | 3.09 |
| 11.0-12.0 | 277.0 | 6.1 | 38.4 | 0.58 | 3.67 |
| 12.0-13.0 | 276.0 | 6.6 | 44.9 | 0.63 | 4.30 |
| 13.0-14.0 | 275.0 | 7.0 | 52.0 | 0.67 | 4.97 |
| 14.0-15.0 | 273.9 | 7.5 | 59.5 | 0.72 | 5.69 |
| 15.0-16.0 | 272.6 | 8.0 | 67.5 | 0.76 | 6.45 |
| 16.0-17.0 | 271.4 | 8.5 | 75.9 | 0.81 | 7.26 |
| 17.0-18.0 | 270.1 | 8.9 | 84.8 | 0.85 | 8.11 |
| 18.0-19.0 | 268.7 | 9.3 | 94.2 | 0.89 | 9.01 |
| 19.0-20.0 | 267.2 | 9.8 | 104.0 | 0.94 | 9.94 |
| 20.0-21.0 | 265.6 | 10.2 | 114.2 | 0.98 | 10.92 |
| 21.0-22.0 | 263.9 | 10.6 | 124.8 | 1.01 | 11.93 |
| 22.0-23.0 | 262.2 | 11.0 | 135.8 | 1.05 | 12.98 |
| 23.0-24.0 | 260.4 | 11.4 | 147.2 | 1.09 | 14.07 |
| 24.0-25.0 | 258.6 | 11.8 | 158.9 | 1.12 | 15.20 |
| 25.0-26.0 | 256.7 | 12.1 | 171.0 | 1.16 | 16.36 |
| 26.0-27.0 | 254.7 | 12.5 | 183.5 | 1.19 | 17.55 |
| 27.0-28.0 | 252.6 | 12.8 | 196.3 | 1.22 | 18.77 |
| 28.0-29.0 | 250.5 | 13.1 | 209.4 | 1.25 | 20.03 |
| 29.0-30.0 | 248.4 | 13.4 | 222.8 | 1.28 | 21.31 |
| 30.0-31.0 | 246.1 | 13.7 | 236.5 | 1.31 | 22.62 |
| 31.0-32.0 | 243.8 | 14.0 | 250.5 | 1.34 | 23.96 |
| 32.0-33.0 | 241.5 | 14.2 | 264.7 | 1.36 | 25.32 |
| 33.0-34.0 | 239.1 | 14.5 | 279.2 | 1.38 | 26.70 |
| 34.0-35.0 | 236.6 | 14.7 | 293.9 | 1.41 | 28.11 |
| 35.0-36.0 | 234.1 | 14.9 | 308.8 | 1.43 | 29.53 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 231.5 | 15.1 | 323.9 | 1.44 | 30.98 |
| 37.0-38.0 | 228.8 | 15.3 | 339.2 | 1.46 | 32.44 |
| 38.0-39.0 | 226.1 | 15.4 | 354.6 | 1.48 | 33.91 |
| 39.0-40.0 | 223.4 | 15.6 | 370.2 | 1.49 | 35.40 |
| 40.0-41.0 | 220.5 | 15.7 | 385.9 | 1.50 | 36.91 |
| 41.0-42.0 | 217.6 | 15.8 | 401.7 | 1.51 | 38.42 |
| 42.0-43.0 | 214.7 | 15.9 | 417.6 | 1.52 | 39.94 |
| 43.0-44.0 | 211.7 | 16.0 | 433.6 | 1.53 | 41.47 |
| 44.0-45.0 | 208.7 | 16.0 | 449.6 | 1.53 | 43.00 |
| 45.0-46.0 | 205.6 | 16.1 | 465.7 | 1.54 | 44.54 |
| 46.0-47.0 | 202.4 | 16.1 | 481.8 | 1.54 | 46.08 |
| 47.0-48.0 | 199.3 | 16.1 | 497.9 | 1.54 | 47.62 |
| 48.0-49.0 | 196.0 | 16.1 | 514.0 | 1.54 | 49.16 |
| 49.0-50.0 | 192.8 | 16.1 | 530.1 | 1.54 | 50.70 |
| 50.0-51.0 | 189.5 | 16.0 | 546.1 | 1.53 | 52.23 |
| 51.0-52.0 | 186.1 | 16.0 | 562.1 | 1.53 | 53.76 |
| 52.0-53.0 | 182.7 | 15.9 | 578.0 | 1.52 | 55.28 |
| 53.0-54.0 | 179.3 | 15.8 | 593.8 | 1.51 | 56.79 |
| 54.0-55.0 | 175.9 | 15.7 | 609.5 | 1.50 | 58.29 |
| 55.0-56.0 | 172.4 | 15.6 | 625.1 | 1.49 | 59.79 |
| 56.0-57.0 | 168.9 | 15.4 | 640.5 | 1.48 | 61.26 |
| 57.0-58.0 | 165.4 | 15.3 | 655.8 | 1.46 | 62.73 |
| 58.0-59.0 | 161.9 | 15.1 | 671.0 | 1.45 | 64.17 |
| 59.0-60.0 | 158.3 | 15.0 | 685.9 | 1.43 | 65.60 |
| 60.0-61.0 | 154.7 | 14.8 | 700.7 | 1.41 | 67.02 |
| 61.0-62.0 | 151.2 | 14.6 | 715.3 | 1.39 | 68.41 |
| 62.0-63.0 | 147.6 | 14.4 | 729.6 | 1.37 | 69.78 |
| 63.0-64.0 | 144.0 | 14.1 | 743.8 | 1.35 | 71.14 |
| 64.0-65.0 | 140.5 | 13.9 | 757.7 | 1.33 | 72.47 |
| 65.0-66.0 | 136.9 | 13.7 | 771.3 | 1.31 | 73.77 |
| 66.0-67.0 | 133.4 | 13.4 | 784.8 | 1.28 | 75.06 |
| 67.0-68.0 | 129.9 | 13.2 | 797.9 | 1.26 | 76.31 |
| 68.0-69.0 | 126.4 | 12.9 | 810.8 | 1.23 | 77.55 |
| 69.0-70.0 | 122.9 | 12.6 | 823.4 | 1.21 | 78.76 |
| 70.0-71.0 | 119.5 | 12.4 | 835.8 | 1.18 | 79.94 |
| 71.0-72.0 | 116.1 | 12.1 | 847.9 | 1.15 | 81.09 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 112.7 | 11.8 | 859.7 | 1.13 | 82.22 |
| 73.0-74.0 | 109.3 | 11.5 | 871.2 | 1.10 | 83.32 |
| 74.0-75.0 | 106.0 | 11.2 | 882.4 | 1.07 | 84.39 |
| 75.0-76.0 | 102.7 | 10.9 | 893.3 | 1.04 | 85.43 |
| 76.0-77.0 | 99.5 | 10.6 | 903.9 | 1.01 | 86.45 |
| 77.0-78.0 | 96.2 | 10.3 | 914.2 | 0.99 | 87.43 |
| 78.0-79.0 | 92.9 | 10.0 | 924.2 | 0.96 | 88.39 |
| 79.0-80.0 | 89.5 | 9.7 | 933.8 | 0.92 | 89.31 |
| 80.0-81.0 | 86.0 | 9.3 | 943.1 | 0.89 | 90.20 |
| 81.0-82.0 | 82.4 | 8.9 | 952.1 | 0.85 | 91.06 |
| 82.0-83.0 | 78.6 | 8.5 | 960.6 | 0.82 | 91.87 |
| 83.0-84.0 | 74.8 | 8.1 | 968.7 | 0.78 | 92.65 |
| 84.0-85.0 | 70.8 | 7.7 | 976.5 | 0.74 | 93.39 |
| 85.0-86.0 | 66.8 | 7.3 | 983.8 | 0.70 | 94.09 |
| 86.0-87.0 | 62.8 | 6.9 | 990.7 | 0.66 | 94.75 |
| 87.0-88.0 | 58.9 | 6.4 | 997.1 | 0.62 | 95.36 |
| 88.0-89.0 | 54.9 | 6.0 | 1003.1 | 0.58 | 95.94 |
| 89.0-90.0 | 50.9 | 5.6 | 1008.7 | 0.53 | 96.47 |
| 90.0-91.0 | 46.8 | 5.1 | 1013.8 | 0.49 | 96.97 |
| 91.0-92.0 | 42.2 | 4.6 | 1018.5 | 0.44 | 97.41 |
| 92.0-93.0 | 37.0 | 4.1 | 1022.5 | 0.39 | 97.80 |
| 93.0-94.0 | 31.4 | 3.4 | 1026.0 | 0.33 | 98.12 |
| 94.0-95.0 | 25.8 | 2.8 | 1028.8 | 0.27 | 98.39 |
| 95.0-96.0 | 20.7 | 2.3 | 1031.0 | 0.22 | 98.61 |
| 96.0-97.0 | 16.2 | 1.8 | 1032.8 | 0.17 | 98.78 |
| 97.0-98.0 | 12.1 | 1.3 | 1034.1 | 0.13 | 98.90 |
| 98.0-99.0 | 8.7 | 0.9 | 1035.1 | 0.09 | 98.99 |
| 99.0-100.0 | 6.1 | 0.7 | 1035.7 | 0.06 | 99.06 |
| 100.0-101.0 | 4.3 | 0.5 | 1036.2 | 0.04 | 99.10 |
| 101.0-102.0 | 3.1 | 0.3 | 1036.5 | 0.03 | 99.13 |
| 102.0-103.0 | 2.4 | 0.3 | 1036.8 | 0.02 | 99.16 |
| 103.0-104.0 | 2.0 | 0.2 | 1037.0 | 0.02 | 99.18 |
| 104.0-105.0 | 1.7 | 0.2 | 1037.2 | 0.02 | 99.20 |
| 105.0-106.0 | 1.6 | 0.2 | 1037.3 | 0.02 | 99.21 |
| 106.0-107.0 | 1.5 | 0.2 | 1037.5 | 0.01 | 99.23 |
| 107.0-108.0 | 1.4 | 0.1 | 1037.6 | 0.01 | 99.24 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Zonal Lumen (Continue 3)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 1.4 | 0.1 | 1037.8 | 0.01 | 99.26 |
| 109.0-110.0 | 1.4 | 0.1 | 1037.9 | 0.01 | 99.27 |
| 110.0-111.0 | 1.4 | 0.1 | 1038.1 | 0.01 | 99.28 |
| 111.0-112.0 | 1.4 | 0.1 | 1038.2 | 0.01 | 99.30 |
| 112.0-113.0 | 1.4 | 0.1 | 1038.3 | 0.01 | 99.31 |
| 113.0-114.0 | 1.4 | 0.1 | 1038.5 | 0.01 | 99.32 |
| 114.0-115.0 | 1.4 | 0.1 | 1038.6 | 0.01 | 99.34 |
| 115.0-116.0 | 1.5 | 0.1 | 1038.8 | 0.01 | 99.35 |
| 116.0-117.0 | 1.5 | 0.1 | 1038.9 | 0.01 | 99.36 |
| 117.0-118.0 | 1.5 | 0.1 | 1039.1 | 0.01 | 99.38 |
| 118.0-119.0 | 1.5 | 0.1 | 1039.2 | 0.01 | 99.39 |
| 119.0-120.0 | 1.6 | 0.1 | 1039.4 | 0.01 | 99.41 |
| 120.0-121.0 | 1.6 | 0.2 | 1039.5 | 0.01 | 99.42 |
| 121.0-122.0 | 1.6 | 0.2 | 1039.7 | 0.01 | 99.43 |
| 122.0-123.0 | 1.6 | 0.2 | 1039.8 | 0.01 | 99.45 |
| 123.0-124.0 | 1.7 | 0.2 | 1040.0 | 0.01 | 99.46 |
| 124.0-125.0 | 1.7 | 0.2 | 1040.1 | 0.01 | 99.48 |
| 125.0-126.0 | 1.7 | 0.2 | 1040.3 | 0.01 | 99.49 |
| 126.0-127.0 | 1.7 | 0.2 | 1040.4 | 0.01 | 99.51 |
| 127.0-128.0 | 1.7 | 0.2 | 1040.6 | 0.01 | 99.52 |
| 128.0-129.0 | 1.8 | 0.2 | 1040.7 | 0.01 | 99.54 |
| 129.0-130.0 | 1.8 | 0.2 | 1040.9 | 0.01 | 99.55 |
| 130.0-131.0 | 1.8 | 0.1 | 1041.0 | 0.01 | 99.56 |
| 131.0-132.0 | 1.8 | 0.1 | 1041.2 | 0.01 | 99.58 |
| 132.0-133.0 | 1.9 | 0.2 | 1041.3 | 0.01 | 99.59 |
| 133.0-134.0 | 1.9 | 0.1 | 1041.5 | 0.01 | 99.61 |
| 134.0-135.0 | 1.9 | 0.1 | 1041.6 | 0.01 | 99.62 |
| 135.0-136.0 | 1.9 | 0.1 | 1041.8 | 0.01 | 99.64 |
| 136.0-137.0 | 1.9 | 0.1 | 1041.9 | 0.01 | 99.65 |
| 137.0-138.0 | 1.9 | 0.1 | 1042.0 | 0.01 | 99.66 |
| 138.0-139.0 | 2.0 | 0.1 | 1042.2 | 0.01 | 99.68 |
| 139.0-140.0 | 2.0 | 0.1 | 1042.3 | 0.01 | 99.69 |
| 140.0-141.0 | 2.0 | 0.1 | 1042.5 | 0.01 | 99.70 |
| 141.0-142.0 | 2.0 | 0.1 | 1042.6 | 0.01 | 99.72 |
| 142.0-143.0 | 2.0 | 0.1 | 1042.7 | 0.01 | 99.73 |
| 143.0-144.0 | 2.1 | 0.1 | 1042.9 | 0.01 | 99.74 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Zonal Lumen (Continue 4)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 2.1 | 0.1 | 1043.0 | 0.01 | 99.76 |
| 145.0-146.0 | 2.1 | 0.1 | 1043.1 | 0.01 | 99.77 |
| 146.0-147.0 | 2.1 | 0.1 | 1043.3 | 0.01 | 99.78 |
| 147.0-148.0 | 2.1 | 0.1 | 1043.4 | 0.01 | 99.79 |
| 148.0-149.0 | 2.1 | 0.1 | 1043.5 | 0.01 | 99.80 |
| 149.0-150.0 | 2.2 | 0.1 | 1043.6 | 0.01 | 99.82 |
| 150.0-151.0 | 2.2 | 0.1 | 1043.8 | 0.01 | 99.83 |
| 151.0-152.0 | 2.2 | 0.1 | 1043.9 | 0.01 | 99.84 |
| 152.0-153.0 | 2.2 | 0.1 | 1044.0 | 0.01 | 99.85 |
| 153.0-154.0 | 2.2 | 0.1 | 1044.1 | 0.01 | 99.86 |
| 154.0-155.0 | 2.2 | 0.1 | 1044.2 | 0.01 | 99.87 |
| 155.0-156.0 | 2.2 | 0.1 | 1044.3 | 0.01 | 99.88 |
| 156.0-157.0 | 2.3 | 0.1 | 1044.4 | 0.01 | 99.89 |
| 157.0-158.0 | 2.3 | 0.1 | 1044.5 | 0.01 | 99.90 |
| 158.0-159.0 | 2.3 | 0.1 | 1044.6 | 0.01 | 99.91 |
| 159.0-160.0 | 2.3 | 0.1 | 1044.7 | 0.01 | 99.91 |
| 160.0-161.0 | 2.3 | 0.1 | 1044.8 | 0.01 | 99.92 |
| 161.0-162.0 | 2.3 | 0.1 | 1044.8 | 0.01 | 99.93 |
| 162.0-163.0 | 2.3 | 0.1 | 1044.9 | 0.01 | 99.94 |
| 163.0-164.0 | 2.3 | 0.1 | 1045.0 | 0.01 | 99.94 |
| 164.0-165.0 | 2.4 | 0.1 | 1045.0 | 0.01 | 99.95 |
| 165.0-166.0 | 2.4 | 0.1 | 1045.1 | 0.01 | 99.96 |
| 166.0-167.0 | 2.4 | 0.1 | 1045.2 | 0.01 | 99.96 |
| 167.0-168.0 | 2.4 | 0.1 | 1045.2 | 0.01 | 99.97 |
| 168.0-169.0 | 2.4 | 0.1 | 1045.3 | 0.01 | 99.97 |
| 169.0-170.0 | 2.4 | 0.0 | 1045.3 | 0.00 | 99.98 |
| 170.0-171.0 | 2.4 | 0.0 | 1045.4 | 0.00 | 99.98 |
| 171.0-172.0 | 2.4 | 0.0 | 1045.4 | 0.00 | 99.99 |
| 172.0-173.0 | 2.4 | 0.0 | 1045.5 | 0.00 | 99.99 |
| 173.0-174.0 | 2.5 | 0.0 | 1045.5 | 0.00 | 99.99 |
| 174.0-175.0 | 2.5 | 0.0 | 1045.5 | 0.00 | 99.99 |
| 175.0-176.0 | 2.5 | 0.0 | 1045.5 | 0.00 | 100.00 |
| 176.0-177.0 | 2.5 | 0.0 | 1045.5 | 0.00 | 100.00 |
| 177.0-178.0 | 2.5 | 0.0 | 1045.6 | 0.00 | 100.00 |
| 178.0-179.0 | 2.5 | 0.0 | 1045.6 | 0.00 | 100.00 |
| 179.0-180.0 | 2.5 | 0.0 | 1045.6 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector: