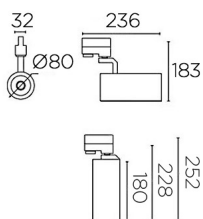


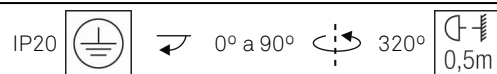
MINI BOND TUBE

35-4939-14-OS

Spotlight MINI BOND TUBE 24.4W 4000K CRI 80 White 1551lm



TECHNICAL FEATURES



Power (W) : 24.4W

Total power consumption of light (W) : 26.1W

Raw lumens : 1551

Raw lm/W : 59

Colour temperature : LED neutral-white 4000K

Structure material : Aluminium

Structure finish : White

Equipment included : Yes, electronic

Voltage / frequency : 220-240VAC/50-60Hz

Warranty : 2 Years

Max. temperature : 25°C

Energy efficiency : LED A++

LUMINOTECHNIC FEATURES

Light source: LED

CRI: 80

LOGISTICS

Net weight (kg): 0.9

Packaged weight (kg): 1.03





ACT-9105-60-00

Black trimless surface installation kit

Structure material: ABS
Dimensions: NA x NA x NA
Net weight (kg): 0.09



ACT-9105-14-00

White trimless surface installation kit

Structure material: ABS
Dimensions: NA x NA x NA
Net weight (kg): 0.09



ACT-9106-14-00

Recessed box

Structure material: ABS
Dimensions: NA x NA x NA
Net weight (kg): 0.1



ACT-9106-60-00

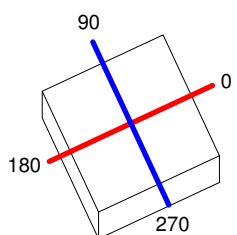
Recessed box

Structure material: ABS
Dimensions: NA x NA x NA
Net weight (kg): 0.1

| | | | | | | |
|----------------------------|--------------|-----------------------------|----------------|--------------|------------|------|
| Luminaire | | Measur. | | Lamp | | |
| Code | 35-4939 | Code | 35-4939 | Code | LED | |
| Name | 35-4939 | Name | 35-4939 | Number | 1 | |
| Line | Eulumdat | Date | 20-11-2014 | Position | | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm | |
| Maximum value | 2455.77 cd | Position | C=90.00 G=2.00 | Asymmetrical | | |
| Rectangular Luminaire | Length | 1 mm | Width | 1 mm | Height | 1 mm |
| Rectangular Luminous Area | Length | 1 mm | Width | 1 mm | Height | 0 mm |
| Horizontal Luminous Area | 0.000001 m2 | Emitting area on Plane 180° | | 0.000000 m2 | | |
| Emitting area on Plane 0° | 0.000000 m2 | Emitting area on Plane 270° | | 0.000000 m2 | | |
| Emitting area on Plane 90° | 0.000000 m2 | Glare area at 76° | | 0.000000 m2 | | |
| Symmetry Type | Asymmetrical | Maximum Gamma Angle | | 90 | | |
| Measurement Distance | 0.00 | Measurement Flux | | 1550.71 lm | | |
| Operator | | Source voltage | | | | |
| Temperature | 25.00 °C | Source current | | | | |
| Humidity | 60.00 % | Photocell | | | | |
| Notes | | | | | | |

| Line | | Code | | Luminaire Lamps | | Flux [lm] | Pow. [W] | Q.ty |
|----------|---------------------|------|--|-----------------|------|-----------|----------|------|
| Eulumdat | | LED | | Name | | | | |
| | | | | LED - 22.00 W | | 1550.71 | 22.00 | 1 |
| C.I.E. | 100 100 100 100 100 | | | D DIN 5040 | A60 | | | |
| F UTE | -- | | | B NBN | BZ 1 | | | |

1mm x 1mm



C Halfplanes

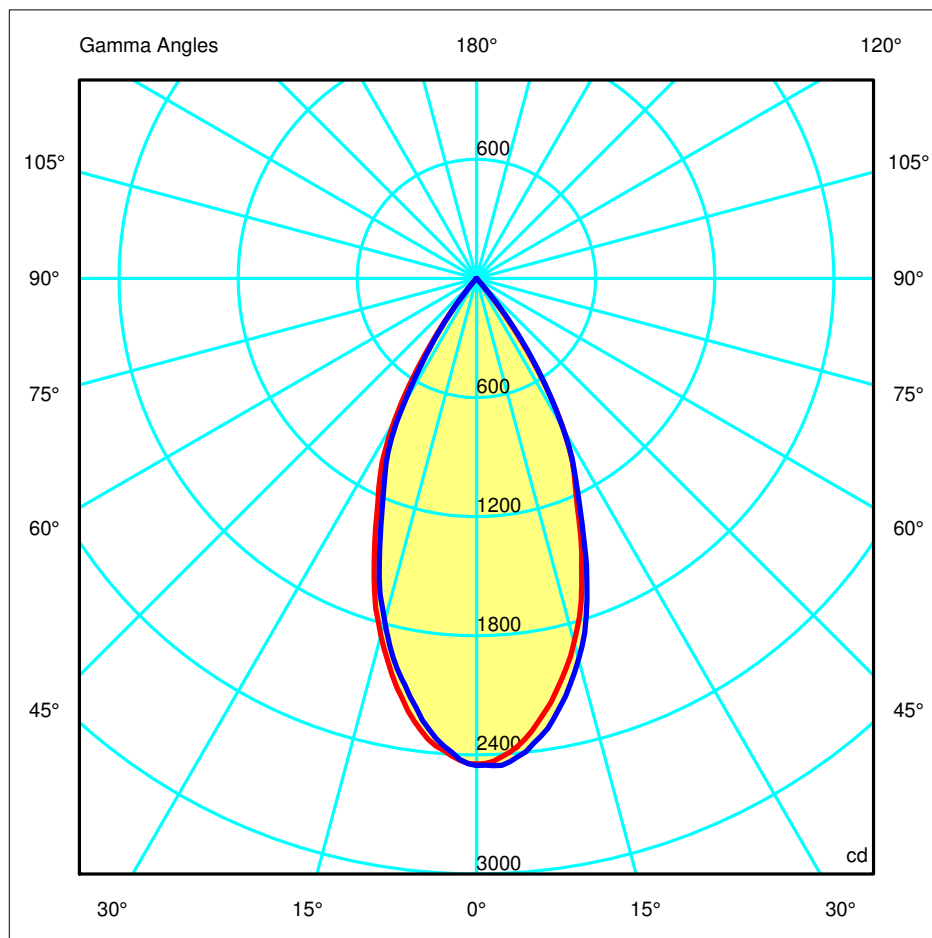
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %

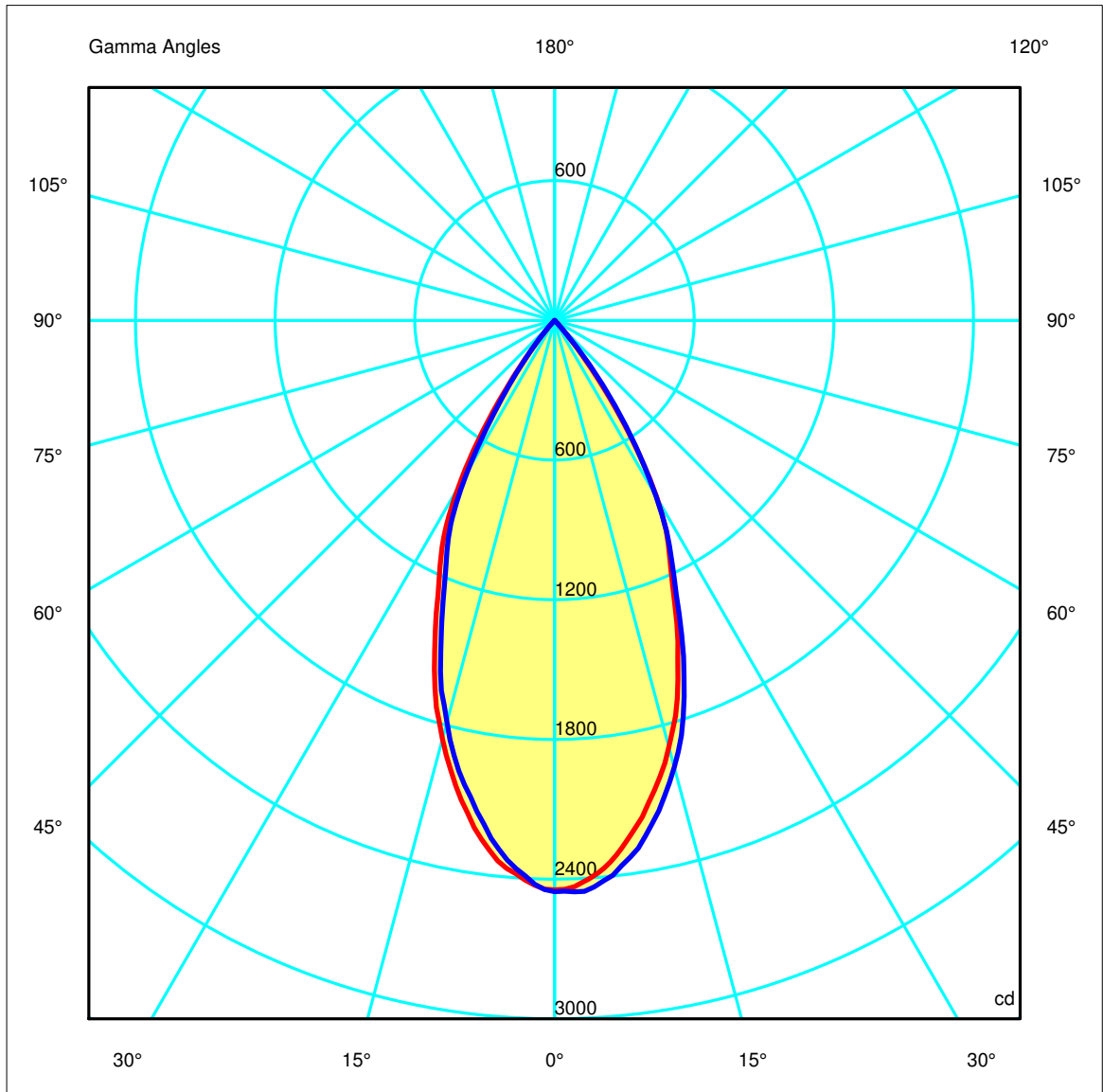
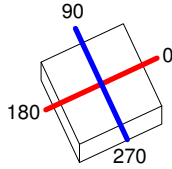


| | | | | | |
|------------------|----------|-------------------|------------|-------------|------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

1mm x 1mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



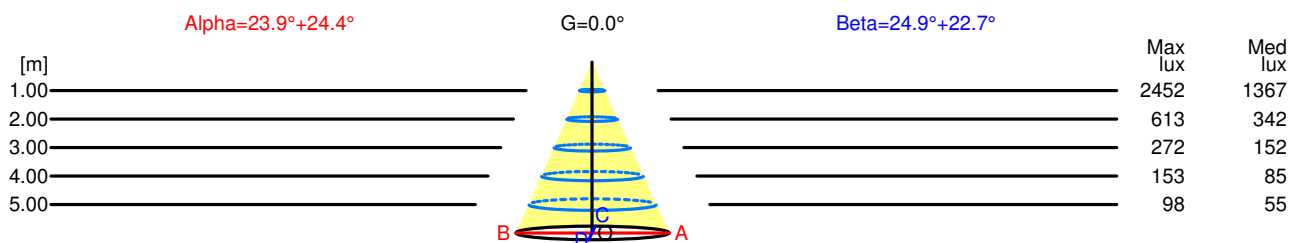
| | | | | | |
|------------------|----------|-------------------|------------|-------------|------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 0.45 | 0.91 | 1.36 | 1.81 | 2.27 | OC | 0.46 | 0.93 | 1.39 | 1.85 | 2.32 |
| OB | 0.44 | 0.89 | 1.33 | 1.78 | 2.22 | OD | 0.42 | 0.84 | 1.26 | 1.67 | 2.09 |

Luminous Intensities [cd]

| | | | | | | | | | | |
|----|---------|---------|---------|---------|--------|-------|------|------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2445.61 | 2366.33 | 1897.00 | 1183.72 | 441.54 | 16.25 | 0.76 | 0.00 | 0.00 | 0.00 |
| OB | 2445.61 | 2362.97 | 1860.94 | 1164.67 | 393.08 | 10.46 | 0.15 | 0.00 | 0.00 | 0.00 |
| OC | 2453.28 | 2416.36 | 1985.89 | 1213.38 | 474.50 | 19.15 | 1.37 | 0.00 | 0.00 | 0.00 |
| OD | 2453.28 | 2326.91 | 1786.93 | 1093.87 | 338.89 | 9.30 | 1.47 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=23.9°+24.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.90 | 2452 | 1367 | | |
| 2.00 | 1.79 | 613 | 342 | | |
| 3.00 | 2.69 | 272 | 152 | | |
| 4.00 | 3.59 | 153 | 85 | | |
| 5.00 | 4.49 | 98 | 55 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=22.7°+24.9° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.88 | 2452 | 1367 | | |
| 2.00 | 1.76 | 613 | 342 | | |
| 3.00 | 2.65 | 272 | 152 | | |
| 4.00 | 3.53 | 153 | 85 | | |
| 5.00 | 4.41 | 98 | 55 | | |

Luminaire
 Code 35-4939
 Name 35-4939
 Line Eulumdat

Measur.
 Code 35-4939
 Name 35-4939
 Date 20-11-2014

Lamp
 Code LED
 Number 1
 Position

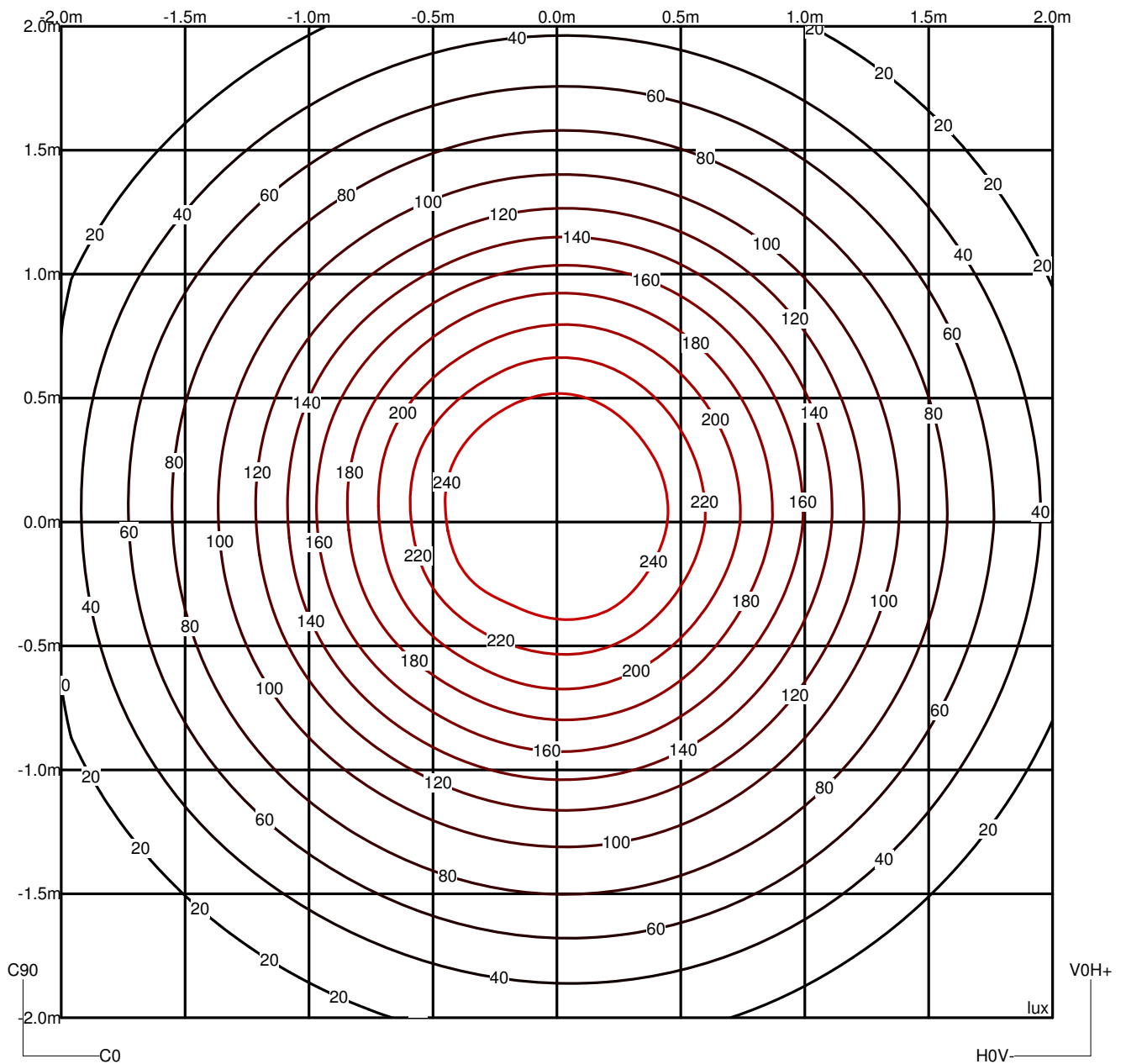
Efficiency 100.00%

Coordinate system CG

Total Flux 1550.71 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire
 Code 35-4939
 Name 35-4939
 Line Eulumdat

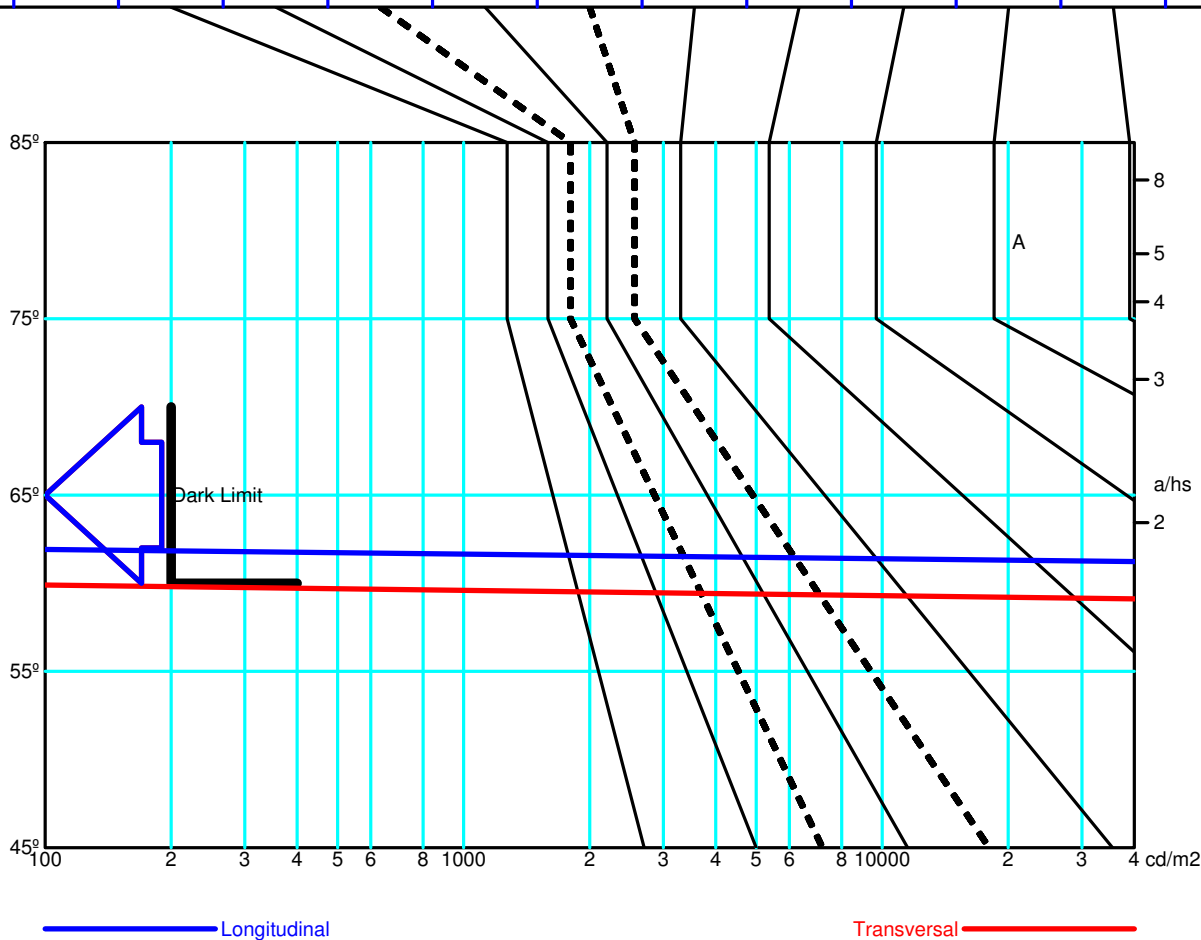
Measur.
 Code 35-4939
 Name 35-4939
 Date 20-11-2014

Lamp
 Code LED
 Number 1
 Position

Efficiency 100.00% Coordinate system CG Total Flux 1550.71 lm

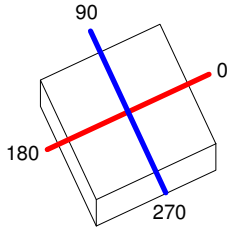
| Average Luminance [cd/m ²] | | | | | | | | | | |
|--|----------|---------|---------|--------|-----|-----|-----|-----|-----|-----|
| | 0.0° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° |
| | 22980968 | 3391484 | 1325025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 27082185 | 4667177 | 2388532 | 600001 | 0 | 0 | 0 | 0 | 0 | 0 |

| Flush mounted or longitudinal view | | | | | | | | | | | | |
|------------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
| | | Illumination(lx) | | | | | | | | | | |
| A | A | 2000 | 1000 | 750 | 500 | | <300 | | | | 1.15 | |
| B | 1 | | 2000 | 1500 | 1000 | 750 | 500 | <300 | | | 1.5 | |
| C | | | | | 2000 | | 1000 | 500 | <300 | | 1.85 | |
| D | 2 | | | | | | 2000 | 1000 | 500 | <300 | 2.2 | |
| E | 3 | | | | | | | 2000 | 1000 | 500 | <300 | 2.55 |



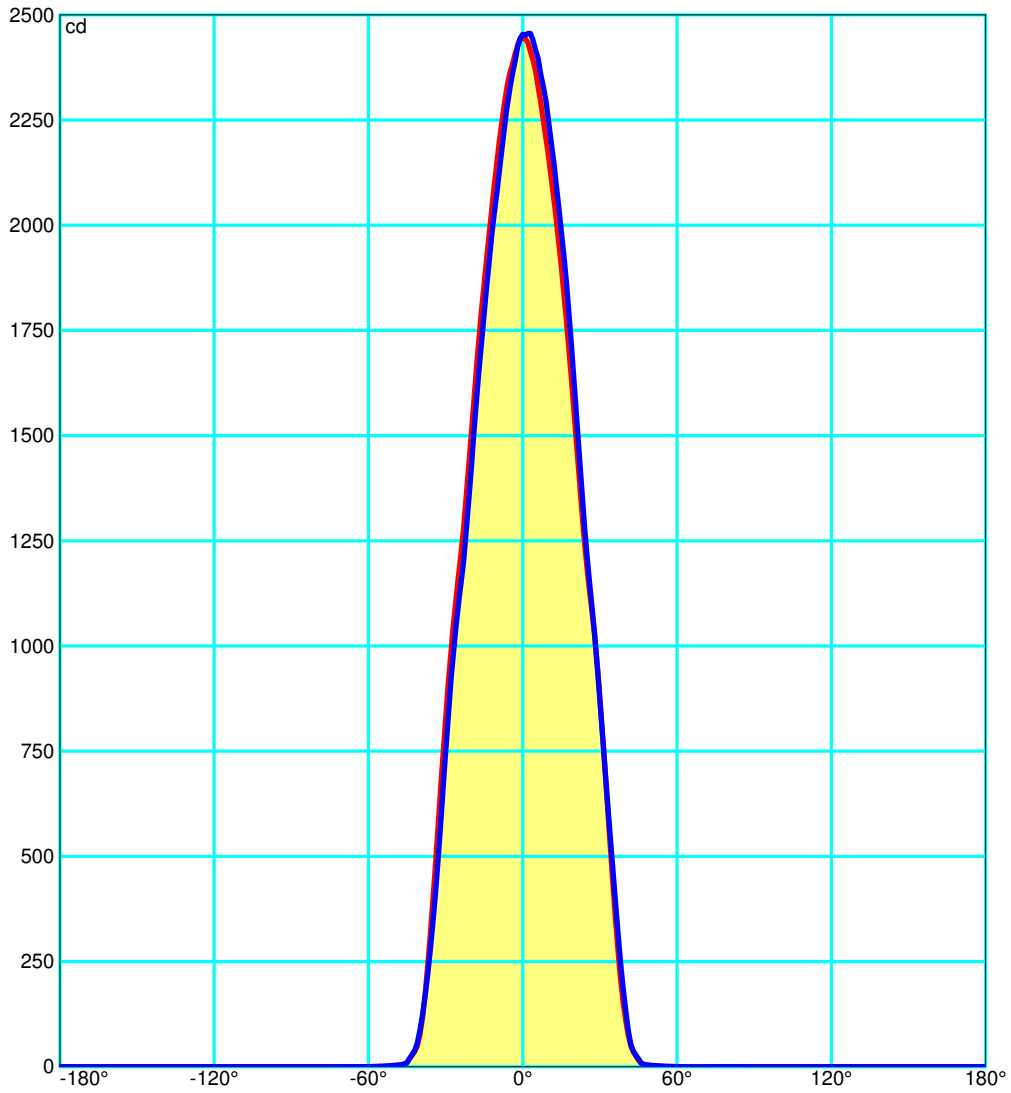
| Luminaire | | Measur. | | Lamp | |
|------------|----------|-------------------|------------|------------|------------|
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

1mm x 1mm



C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



| | | | | | |
|------------------|----------|-------------------|------------|-------------|------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|----------------|-----------------|------|------|------|------|---------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | ViewedCrosswise | | | | | ViewedEndwise | | | | |
| x=2H y=2H | 47.6 | 48.2 | 47.8 | 48.4 | 47.5 | 46.5 | 47.2 | 46.8 | 47.3 | 47.5 |
| x=2H y=3H | 47.4 | 48.0 | 47.7 | 48.2 | 47.4 | 46.4 | 47.0 | 46.7 | 47.2 | 47.4 |
| x=2H y=4H | 47.4 | 47.9 | 47.7 | 48.1 | 47.4 | 46.3 | 46.9 | 46.6 | 47.1 | 47.4 |
| x=2H y=6H | 47.3 | 47.8 | 47.6 | 48.1 | 47.3 | 46.2 | 46.7 | 46.6 | 47.0 | 47.3 |
| x=2H y=8H | 47.2 | 47.7 | 47.6 | 48.0 | 47.3 | 46.2 | 46.7 | 46.5 | 47.0 | 47.3 |
| x=2H y=12H | 47.2 | 47.7 | 47.6 | 48.0 | 47.2 | 46.2 | 46.6 | 46.5 | 46.9 | 47.2 |
| x=4H y=2H | 47.4 | 47.9 | 47.7 | 48.1 | 47.4 | 46.3 | 46.9 | 46.6 | 47.1 | 47.4 |
| x=4H y=3H | 47.2 | 47.7 | 47.6 | 48.0 | 47.2 | 46.2 | 46.6 | 46.5 | 46.9 | 47.2 |
| x=4H y=4H | 47.1 | 47.5 | 47.5 | 47.9 | 47.2 | 46.1 | 46.5 | 46.5 | 46.8 | 47.2 |
| x=4H y=6H | 47.1 | 47.4 | 47.5 | 47.8 | 47.1 | 46.0 | 46.3 | 46.4 | 46.7 | 47.1 |
| x=4H y=8H | 47.0 | 47.3 | 47.4 | 47.7 | 47.0 | 46.0 | 46.3 | 46.4 | 46.6 | 47.0 |
| x=4H y=12H | 47.0 | 47.2 | 47.4 | 47.6 | 47.0 | 46.0 | 46.2 | 46.4 | 46.6 | 47.0 |
| x=8H y=4H | 47.0 | 47.3 | 47.4 | 47.7 | 47.0 | 46.0 | 46.3 | 46.4 | 46.6 | 47.0 |
| x=8H y=6H | 46.9 | 47.1 | 47.4 | 47.6 | 47.0 | 45.9 | 46.1 | 46.3 | 46.5 | 47.0 |
| x=8H y=8H | 46.9 | 47.1 | 47.4 | 47.5 | 46.9 | 45.8 | 46.0 | 46.3 | 46.5 | 46.9 |
| x=8H y=12H | 46.8 | 47.0 | 47.3 | 47.4 | 46.9 | 45.8 | 45.9 | 46.3 | 46.4 | 46.9 |
| x=12H y=4H | 47.0 | 47.2 | 47.4 | 47.6 | 47.0 | 46.0 | 46.2 | 46.4 | 46.6 | 47.0 |
| x=12H y=6H | 46.9 | 47.1 | 47.4 | 47.5 | 46.9 | 45.8 | 46.0 | 46.3 | 46.5 | 46.9 |
| x=12H y=8H | 46.8 | 47.0 | 47.3 | 47.4 | 46.9 | 45.8 | 45.9 | 46.3 | 46.4 | 46.9 |

| | | | | | |
|------------------|----------|-------------------|------------|-------------|------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

Total Flux=1550.71 Luminaire Flux=1550.71

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.74 | 0.78 | 0.83 | 0.86 | 0.89 | 0.93 | 0.96 | 0.98 | 0.99 | 1.00 | 1.02 | 1.02 |
| RC | - | - | - | - | - | - | - | - | - | - | - | - |

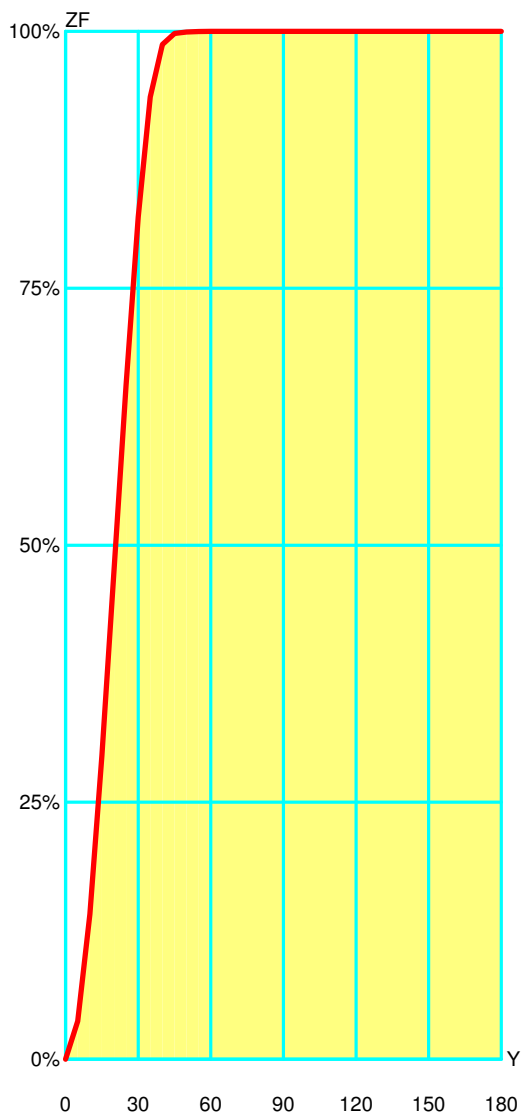
Zonal Flux per 1000 Lumen

| | | | | | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 141 | 476 | 820 | 987 | 999 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

CIE Flux Codes

100 100 100 100 100

| | | | |
|------------|---------------------|------|-------------|
| C.I.E. | -/-/-/-/-/-/-/-/-/- | LOR | 100.00020 % |
| D DIN 5040 | A60 | ULOR | 0.00000 % |
| F UTE | -- | DLOR | 100.00020 % |
| B NBN | BZ 1 | UFF | 0.00000 % |
| RN | 0.00000 % | DFF | 100.00000 % |
| BLF | 1.0 | FFR | 0.00000 % |



| Zonal Flux | | | | |
|------------|--------|---------|----------|----------|
| Gamma ° | Flux | Sum lm | Flux [%] | Sum [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 37.05 | 37.05 | 3.70 % | 3.70 % |
| 10° | 104.22 | 141.27 | 10.42 % | 14.13 % |
| 15° | 154.05 | 295.32 | 15.40 % | 29.53 % |
| 20° | 180.93 | 476.25 | 18.09 % | 47.63 % |
| 25° | 179.61 | 655.86 | 17.96 % | 65.59 % |
| 30° | 163.68 | 819.53 | 16.37 % | 81.95 % |
| 35° | 116.53 | 936.07 | 11.65 % | 93.61 % |
| 40° | 51.13 | 987.19 | 5.11 % | 98.72 % |
| 45° | 10.72 | 997.91 | 1.07 % | 99.79 % |
| 50° | 1.47 | 999.39 | 0.15 % | 99.94 % |
| 55° | 0.46 | 999.84 | 0.05 % | 99.98 % |
| 60° | 0.15 | 999.99 | 0.01 % | 100.00 % |
| 65° | 0.01 | 1000.00 | 0.00 % | 100.00 % |
| 70° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 75° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 80° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 85° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 90° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 95° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 100° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 105° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 110° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 115° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 120° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 125° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 130° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 135° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 140° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 145° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 150° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 155° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 160° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 165° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 170° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 175° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 180° | 0.00 | 1000.00 | 0.00 % | 100.00 % |

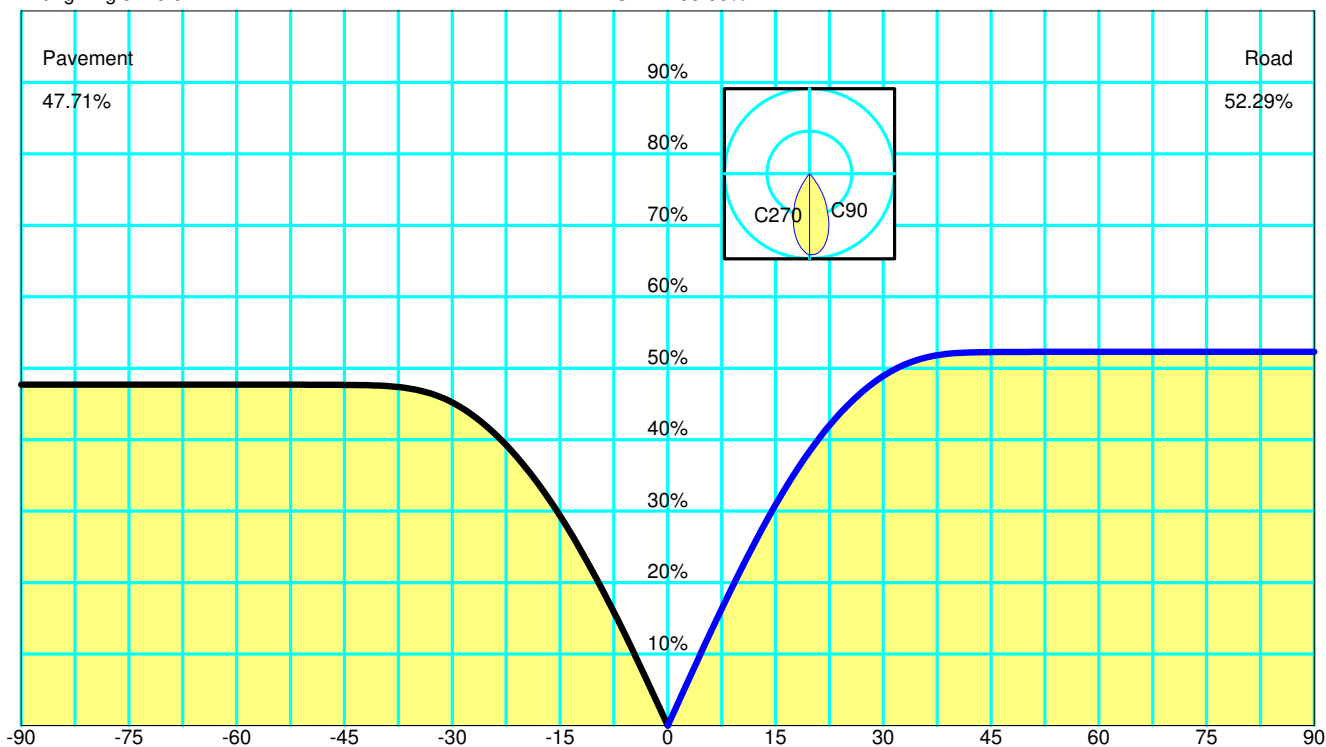
| | | |
|------------------|-----------------|-------------|
| Luminaire | Measur. | Lamp |
| Code 35-4939 | Code 35-4939 | Code LED |
| Name 35-4939 | Name 35-4939 | Number 1 |
| Line Eulumdat | Date 20-11-2014 | Position |

| | | |
|--------------------|----------------------|-----------------------|
| Efficiency 100.00% | Coordinate system CG | Total Flux 1550.71 lm |
|--------------------|----------------------|-----------------------|

| Pavement | | | Road | | |
|----------|-----|--------|-------|----|--------|
| Piano | 0 | 0.00% | Piano | 0 | 0.00% |
| Piano | -5 | 10.77% | Piano | 5 | 10.97% |
| Piano | -10 | 20.71% | Piano | 10 | 21.45% |
| Piano | -15 | 29.37% | Piano | 15 | 30.88% |
| Piano | -20 | 36.40% | Piano | 20 | 38.75% |
| Piano | -25 | 41.68% | Piano | 25 | 44.76% |
| Piano | -30 | 45.22% | Piano | 30 | 48.92% |
| Piano | -35 | 46.98% | Piano | 35 | 51.25% |
| Piano | -40 | 47.56% | Piano | 40 | 52.11% |
| Piano | -45 | 47.67% | Piano | 45 | 52.26% |
| Piano | -50 | 47.69% | Piano | 50 | 52.28% |
| Piano | -55 | 47.70% | Piano | 55 | 52.29% |
| Piano | -60 | 47.71% | Piano | 60 | 52.29% |
| Piano | -65 | 47.71% | Piano | 65 | 52.29% |
| Piano | -70 | 47.71% | Piano | 70 | 52.29% |
| Piano | -75 | 47.71% | Piano | 75 | 52.29% |
| Piano | -80 | 47.71% | Piano | 80 | 52.29% |
| Piano | -85 | 47.71% | Piano | 85 | 52.29% |
| Piano | -90 | 47.71% | Piano | 90 | 52.29% |

Tilting Angle = 0.0

DLOR = 100.00%



Spread 10.8° Narrow

Throw 5.4° Short

CIE Cutoff Cutoff - Max: C=90.0° Gamma=2.0°

IESNA Cutoff Full Cutoff

DIN5044 KB1

IESNA Type I Very Short Asymmetrical

DLOR 100.00020 %

ULOR 0.00000 %

Efficiency 100.00020 %

RN 0.00000 %

Luminous Intensity Class G6

Glare Index D6

Luminaire
 Code 35-4939
 Name 35-4939
 Line Eulumdat

Measur.
 Code 35-4939
 Name 35-4939
 Date 20-11-2014

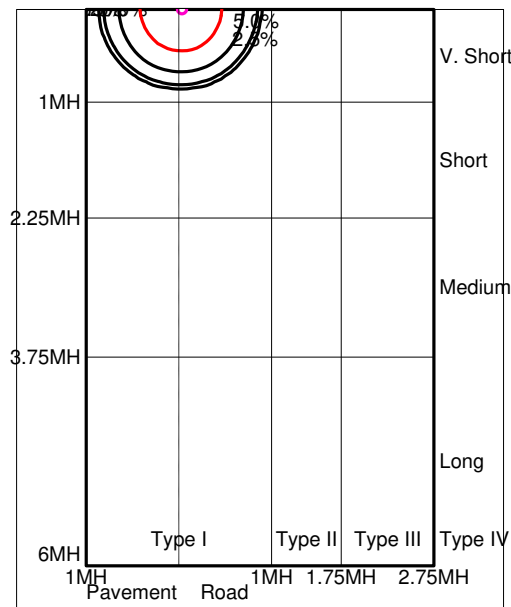
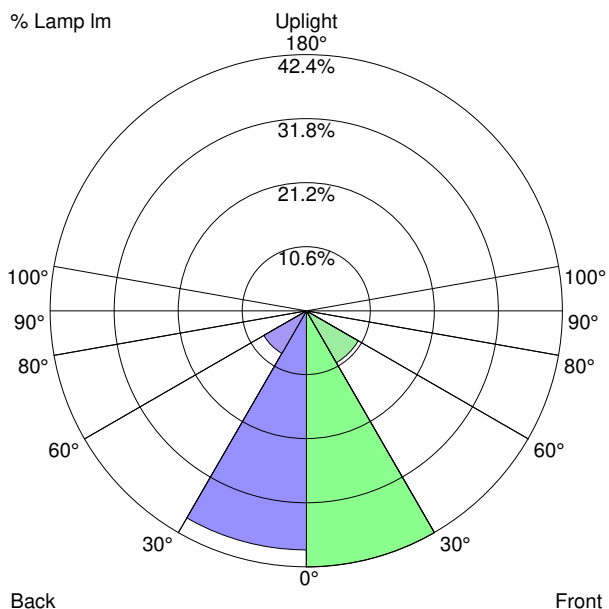
Lamp
 Code LED
 Number 1
 Position

Efficiency 100.00%

Coordinate system CG

Total Flux 1550.71 lm

US ROAD STANDARDS



| Luminaire Classification System (LCS) | | | |
|---|--------------|------------------|-----------------------------|
| LCS Zone | | Lumens | %Lamp %Lum |
| FL | 0° -- 30° | 657.4 lm | 42.4 % 42.4 % |
| FM | 30° -- 60° | 153.5 lm | 9.9 % 9.9 % |
| FH | 60° -- 80° | 0.0 lm | 0.0 % 0.0 % |
| FVH | 80° -- 90° | 0.0 lm | 0.0 % 0.0 % |
| BL | 0° -- 30° | 613.7 lm | 39.6 % 39.6 % |
| BM | 30° -- 60° | 126.1 lm | 8.1 % 8.1 % |
| BH | 60° -- 80° | 0.0 lm | 0.0 % 0.0 % |
| BVH | 80° -- 90° | 0.0 lm | 0.0 % 0.0 % |
| UL | 90° -- 100° | 0.0 lm | 0.0 % 0.0 % |
| UH | 100° -- 180° | 0.0 lm | 0.0 % 0.0 % |
| TOTALS | | 1550.7 lm | 100.0 % 100.0 % |
| BUG B2 U0 G0 Type I Very Short Asymmetrical | | | |

| | | | | | |
|------------------|----------|-------------------|------------|-------------|------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 35-4939 | Code | 35-4939 | Code | LED |
| Name | 35-4939 | Name | 35-4939 | Number | 1 |
| Line | Eulumdat | Date | 20-11-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1550.71 lm |

Total Flux=1550.71 Luminaire Flux=1550.71

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.74 | 0.78 | 0.83 | 0.86 | 0.89 | 0.93 | 0.96 | 0.98 | 0.99 | 1.00 | 1.02 | 1.02 |
| RC | - | - | - | - | - | - | - | - | - | - | - | - |

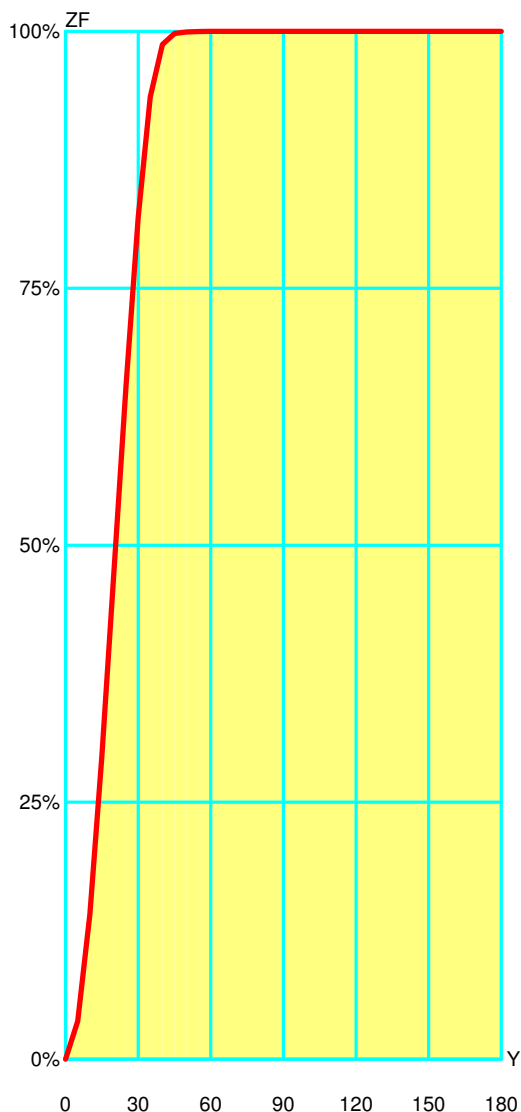
Zonal Flux per 1000 Lumen

| | | | | | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 141 | 476 | 820 | 987 | 999 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

CIE Flux Codes

100 100 100 100 100

| | | | |
|------------|---------------------|------|-------------|
| C.I.E. | -/-/-/-/-/-/-/-/-/- | LOR | 100.00020 % |
| D DIN 5040 | A60 | ULOR | 0.00000 % |
| F UTE | -- | DLOR | 100.00020 % |
| B NBN | BZ 1 | UFF | 0.00000 % |
| RN | 0.00000 % | DFF | 100.00000 % |
| BLF | 1.0 | FFR | 0.00000 % |



| Zonal Flux | | | | |
|------------|--------|---------|----------|----------|
| Gamma ° | Flux | Sum lm | Flux [%] | Sum [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 37.05 | 37.05 | 3.70 % | 3.70 % |
| 10° | 104.22 | 141.27 | 10.42 % | 14.13 % |
| 15° | 154.05 | 295.32 | 15.40 % | 29.53 % |
| 20° | 180.93 | 476.25 | 18.09 % | 47.63 % |
| 25° | 179.61 | 655.86 | 17.96 % | 65.59 % |
| 30° | 163.68 | 819.53 | 16.37 % | 81.95 % |
| 35° | 116.53 | 936.07 | 11.65 % | 93.61 % |
| 40° | 51.13 | 987.19 | 5.11 % | 98.72 % |
| 45° | 10.72 | 997.91 | 1.07 % | 99.79 % |
| 50° | 1.47 | 999.39 | 0.15 % | 99.94 % |
| 55° | 0.46 | 999.84 | 0.05 % | 99.98 % |
| 60° | 0.15 | 999.99 | 0.01 % | 100.00 % |
| 65° | 0.01 | 1000.00 | 0.00 % | 100.00 % |
| 70° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 75° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 80° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 85° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 90° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 95° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 100° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 105° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 110° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 115° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 120° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 125° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 130° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 135° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 140° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 145° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 150° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 155° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 160° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 165° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 170° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 175° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 180° | 0.00 | 1000.00 | 0.00 % | 100.00 % |

