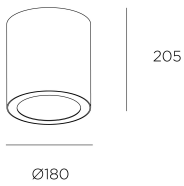


EXIT

Josep Patsi

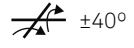
90-3525-60-OE

Ceiling fixture EXIT 25.9W 3000K CRI 90 Black IP23



TECHNICAL FEATURES

IP23



Power (W) : 25.9W

Total power consumption of light (W) : 26.9W

Colour temperature : LED warm-white 3000K

Structure material : Aluminium

Structure finish : Black

Diffuser material : Glass

Diffuser finish : Transparent

Useful life : 50.000h L80B20

Equipment included : Yes, electronic

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

Warranty : 2 Years

Max. temperature : 25°C

LUMINOTECHNIC FEATURES

Light source: LED CREE

CRI: 90

MacAdam steps: 2

Photobiological risk: RG1

EMERGENCY MODULE FEATURES

Emergency equipment: 3H

LOGISTICS

Net weight (kg): 4.53

Packaged weight (kg): 5.31

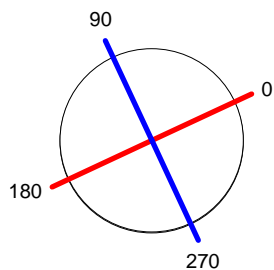


1 Un

| | | | | | |
|----------------------------|-------------------------------|-----------------------------|-------------------------------|--------------------|----------------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 90-3525-14-37 | Code | 90-3296-14-37 | Code | L3296 25.9W 90 3000K |
| Name | Downlight led 25.9W 38° 3000K | Name | Downlight led 25.9W 38° 3000K | Number | 1 |
| Line | Eulumdat | Date | 29-04-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1577.01 lm |
| Maximum value | 2666.52 cd | Position | C=0.00 G=0.00 | Double Symmetrical | |
| Round Luminaire | Diam. | 175 mm | Height | 2 mm | |
| Round Luminous Area | Diam. | 110 mm | Height | 0 mm | |
| Horizontal Luminous Area | 0.009503 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° | 0.002299 m2 | | |
| Symmetry Type | Double Symmetrical | Maximum Gamma Angle | 90 | | |
| Measurement Distance | 0.00 | Measurement Flux | 1577.01 lm | | |
| Operator | Asselum T2 | Source voltage | | | |
| Temperature | 25.00 °C | Source current | | | |
| Humidity | 60.00 % | Photocell | | | |
| Notes | | | | | |

| Luminaire Lamps | | | | | | |
|-----------------|----------------------|--------------------------------|-----------|----------|------|--|
| Line | Code | Name | Flux [lm] | Pow. [W] | Q.ty | |
| Eulumdat | L3296 25.9W 90 3000K | L3296 25.9W 90 3000K - 26.00 W | 1577.01 | 26.00 | 1 | |
| C.I.E. | 94 99 100 100 100 | D DIN 5040 | | | | |
| F UTE | 1.00 A | B NBN | | | | |
| | | A60 | | | | |
| | | BZ 1 | | | | |

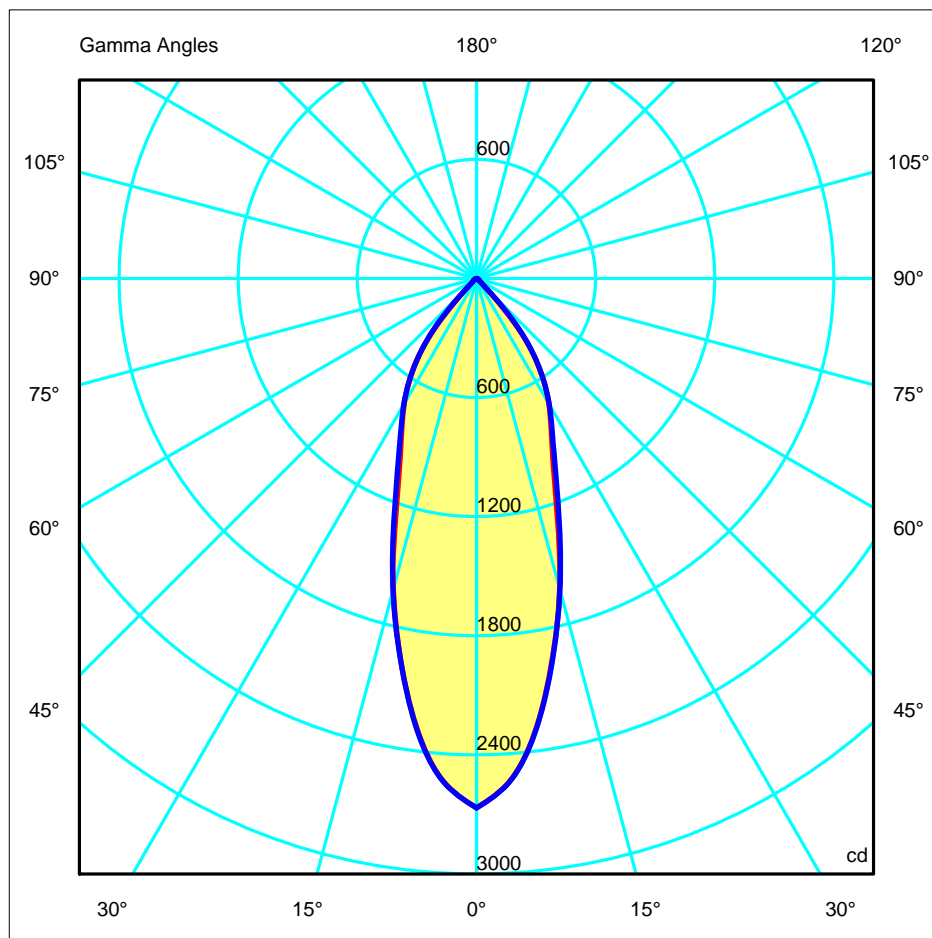
Diam=175mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %

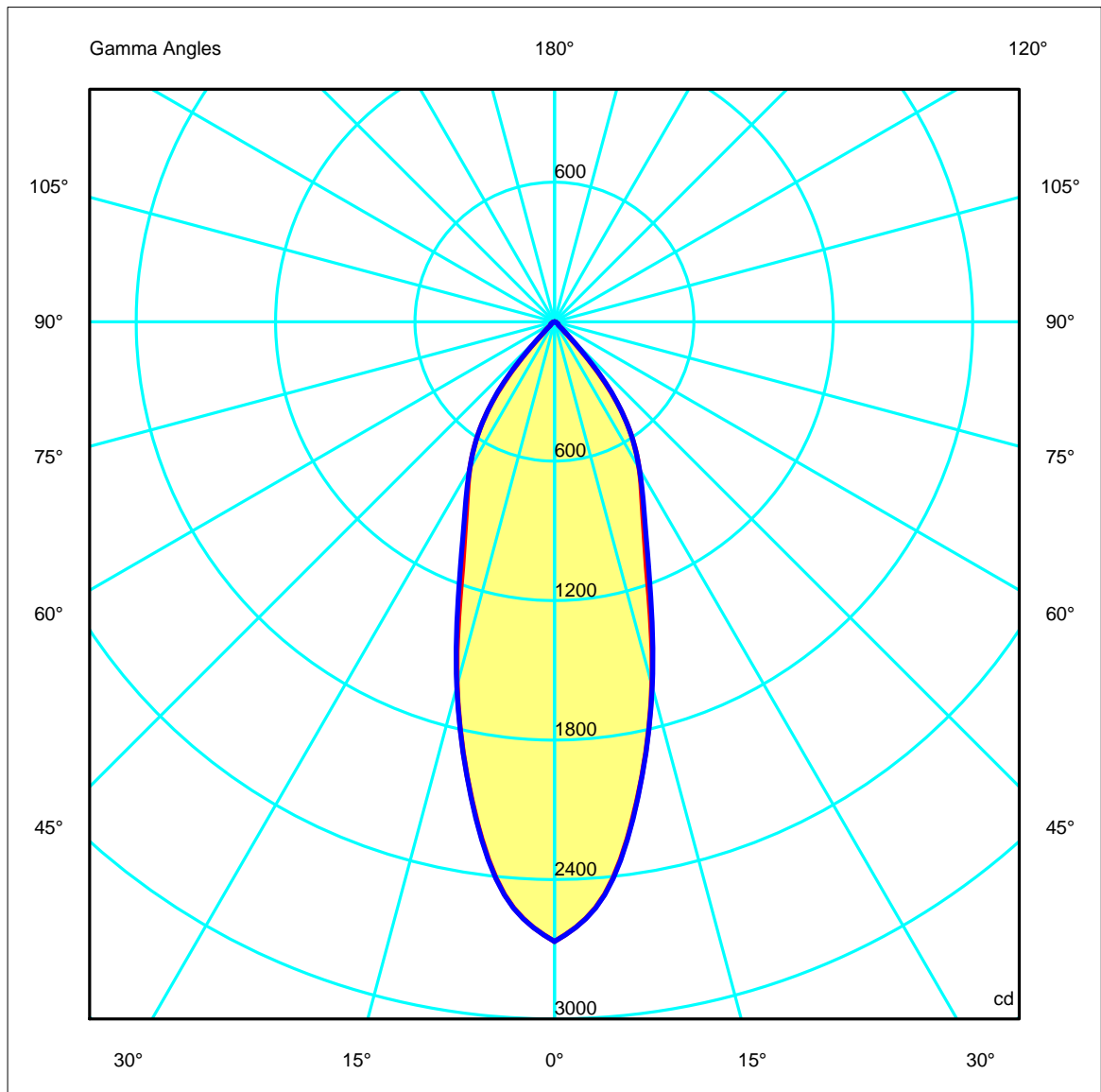
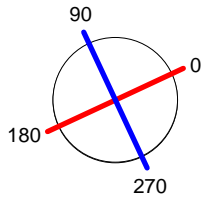


| | | | | | |
|------------------|-------------------------------|-------------------|-------------------------------|-------------|----------------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 90-3525-14-37 | Code | 90-3296-14-37 | Code | L3296 25.9W 90 3000K |
| Name | Downlight led 25.9W 38° 3000K | Name | Downlight led 25.9W 38° 3000K | Number | 1 |
| Line | Eulumdat | Date | 29-04-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1577.01 lm |

Diam=175mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



| | | |
|------------------------------------|------------------------------------|---------------------------|
| Luminaire | Measur. | Lamp |
| Code 90-3525-14-37 | Code 90-3296-14-37 | Code L3296 25.9W 90 3000K |
| Name Downlight led 25.9W 38° 3000K | Name Downlight led 25.9W 38° 3000K | Number 1 |
| Line Eulumdat | Date 29-04-2014 | Position |

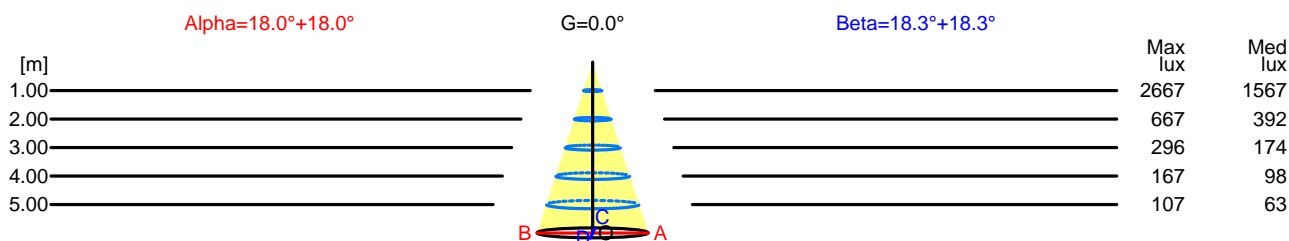
| | | |
|--------------------|----------------------|-----------------------|
| Efficiency 100.00% | Coordinate system CG | Total Flux 1577.01 lm |
|--------------------|----------------------|-----------------------|

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 | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OC | 0.33 | 0.66 | 0.99 | 1.32 | 1.65 |
| OB | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OD | 0.33 | 0.66 | 0.99 | 1.32 | 1.65 |

Luminous Intensities [cd]

| | | | | | | | | | | |
|----|---------|---------|---------|--------|--------|-------|-------|-------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2666.52 | 2472.90 | 1617.73 | 897.16 | 556.15 | 60.89 | 18.08 | 10.59 | 3.25 | 0.32 |
| OB | 2666.52 | 2472.90 | 1617.73 | 897.16 | 556.15 | 60.89 | 18.08 | 10.59 | 3.25 | 0.32 |
| OC | 2666.52 | 2475.49 | 1624.47 | 913.31 | 551.44 | 78.06 | 18.45 | 10.63 | 3.15 | 0.29 |
| OD | 2666.52 | 2475.49 | 1624.47 | 913.31 | 551.44 | 78.06 | 18.45 | 10.63 | 3.15 | 0.29 |



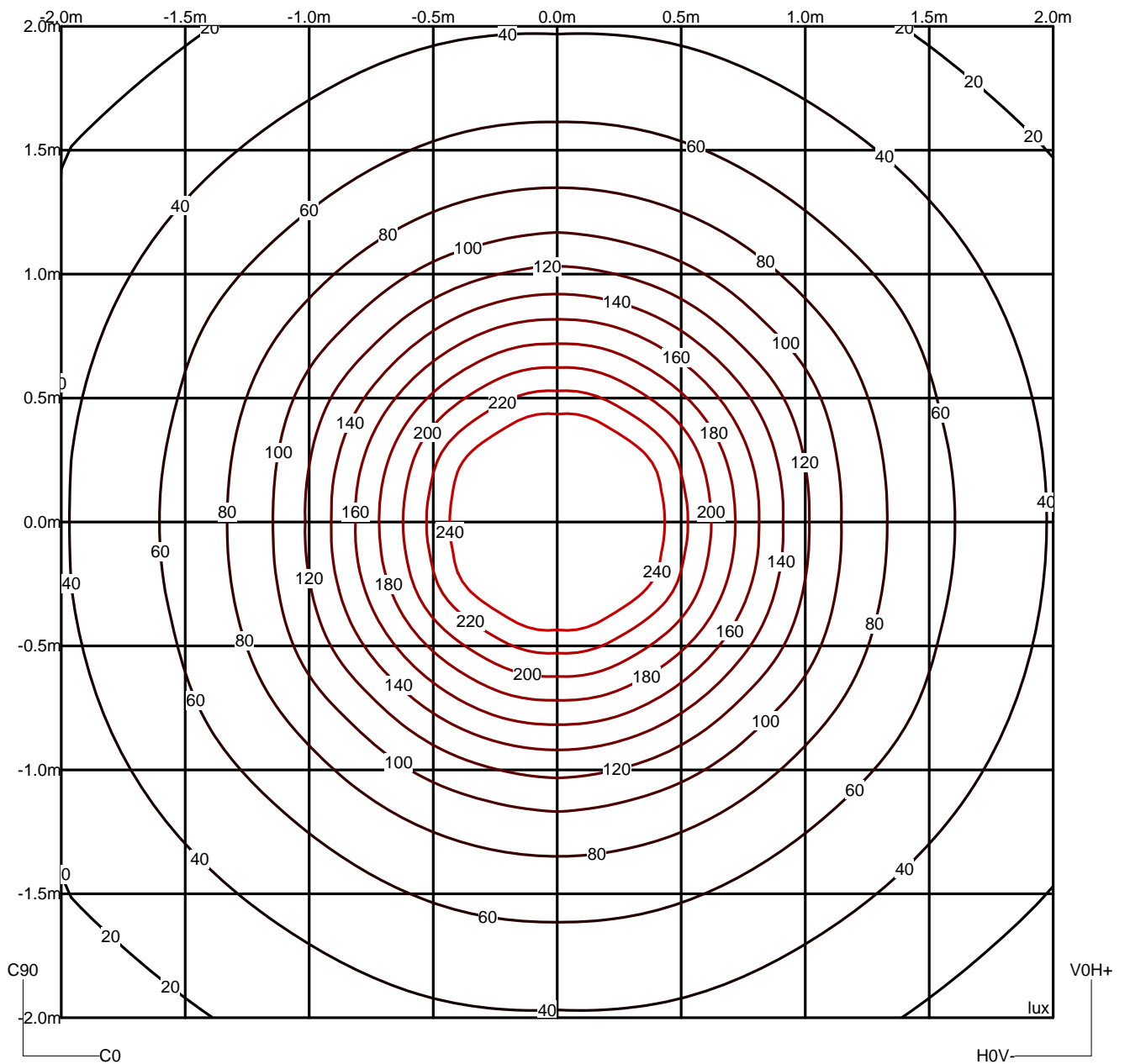
| H[m] | D[m] | Max lux | Med lux | Alpha=18.0°+18.0° | G=0.0 | |
|------|------|---------|---------|-------------------|-------|--|
| 1.00 | 0.65 | 2667 | 1567 | | | |
| 2.00 | 1.30 | 667 | 392 | | | |
| 3.00 | 1.95 | 296 | 174 | | | |
| 4.00 | 2.60 | 167 | 98 | | | |
| 5.00 | 3.25 | 107 | 63 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=18.3°+18.3° | G=0.0 | |
|------|------|---------|---------|------------------|-------|--|
| 1.00 | 0.66 | 2667 | 1567 | | | |
| 2.00 | 1.32 | 667 | 392 | | | |
| 3.00 | 1.99 | 296 | 174 | | | |
| 4.00 | 2.65 | 167 | 98 | | | |
| 5.00 | 3.31 | 107 | 63 | | | |

| Luminaire | | Measuram. | | Lamp | |
|------------|-------------------------------|-------------------|-------------------------------|------------|----------------------|
| Code | 90-3525-14-37 | Code | 90-3296-14-37 | Code | L3296 25.9W 90 3000K |
| Name | Downlight led 25.9W 38° 3000K | Name | Downlight led 25.9W 38° 3000K | Number | 1 |
| Line | Eulmdat | Date | 29-04-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1577.01 lm |

Isolux (Floor)

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

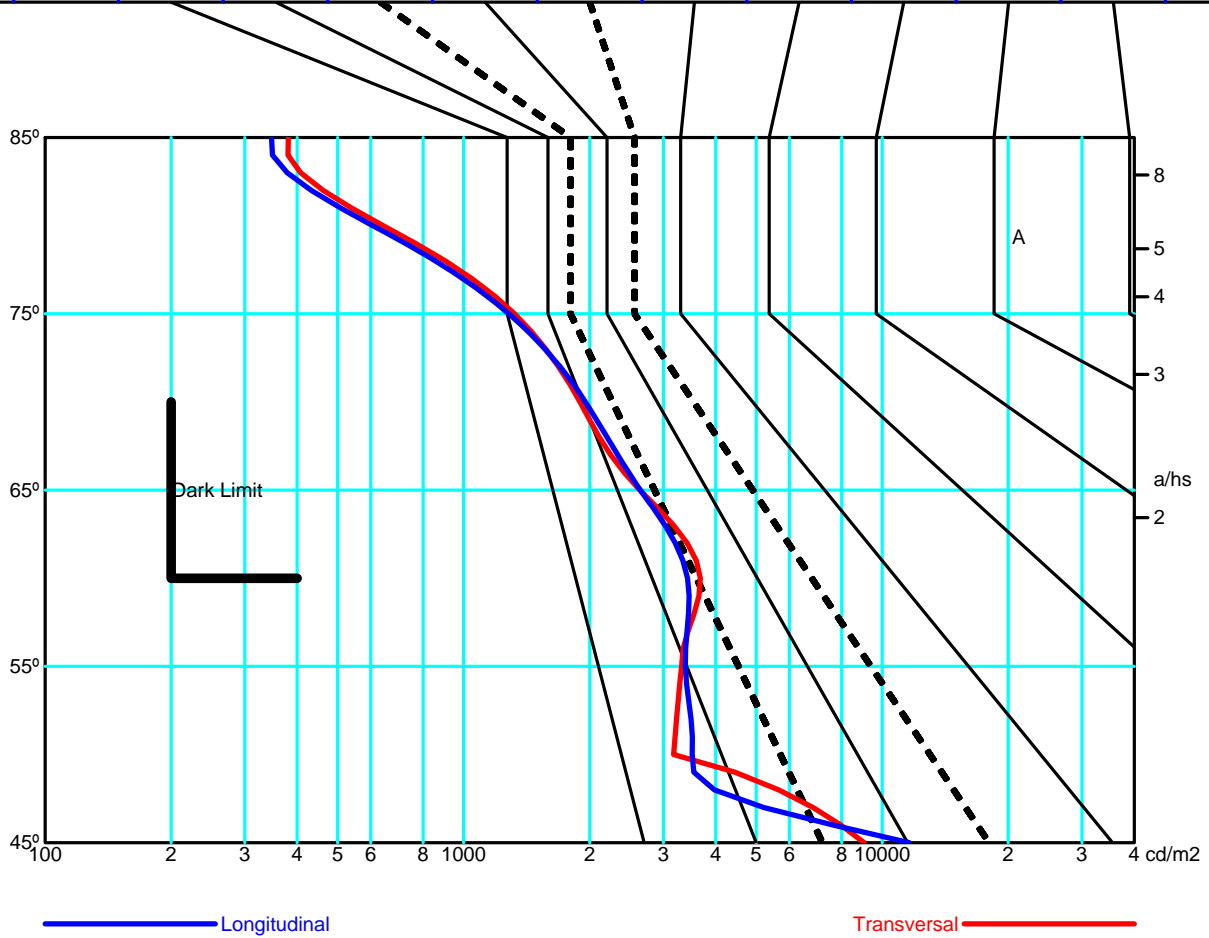


| | | |
|---|---|--|
| Luminaire Code 90-3525-14-37 Name Downlight led 25.9W 38° 3000K Line Eulumdat | Measur. Code 90-3296-14-37 Name Downlight led 25.9W 38° 3000K Date 29-04-2014 | Lamp Code L3296 25.9W 90 3000K Number 1 Position |
|---|---|--|

| | | |
|--------------------|----------------------|-----------------------|
| Efficiency 100.00% | Coordinate system CG | Total Flux 1577.01 lm |
|--------------------|----------------------|-----------------------|

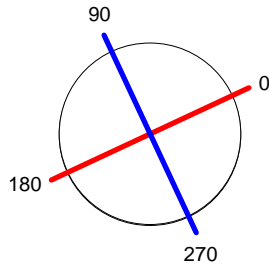
| | | | | | | | | | | | |
|--|-------|-------|------|------|------|------|------|------|-----|-----|-----|
| Average Luminance [cd/m ²] | | | | | | | | | | | |
| | 0.0° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | |
| | 90.0° | 11616 | 3515 | 3386 | 3427 | 2647 | 1956 | 1281 | 607 | 347 | --- |
| | | | | | | | | | | | --- |

| 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 |

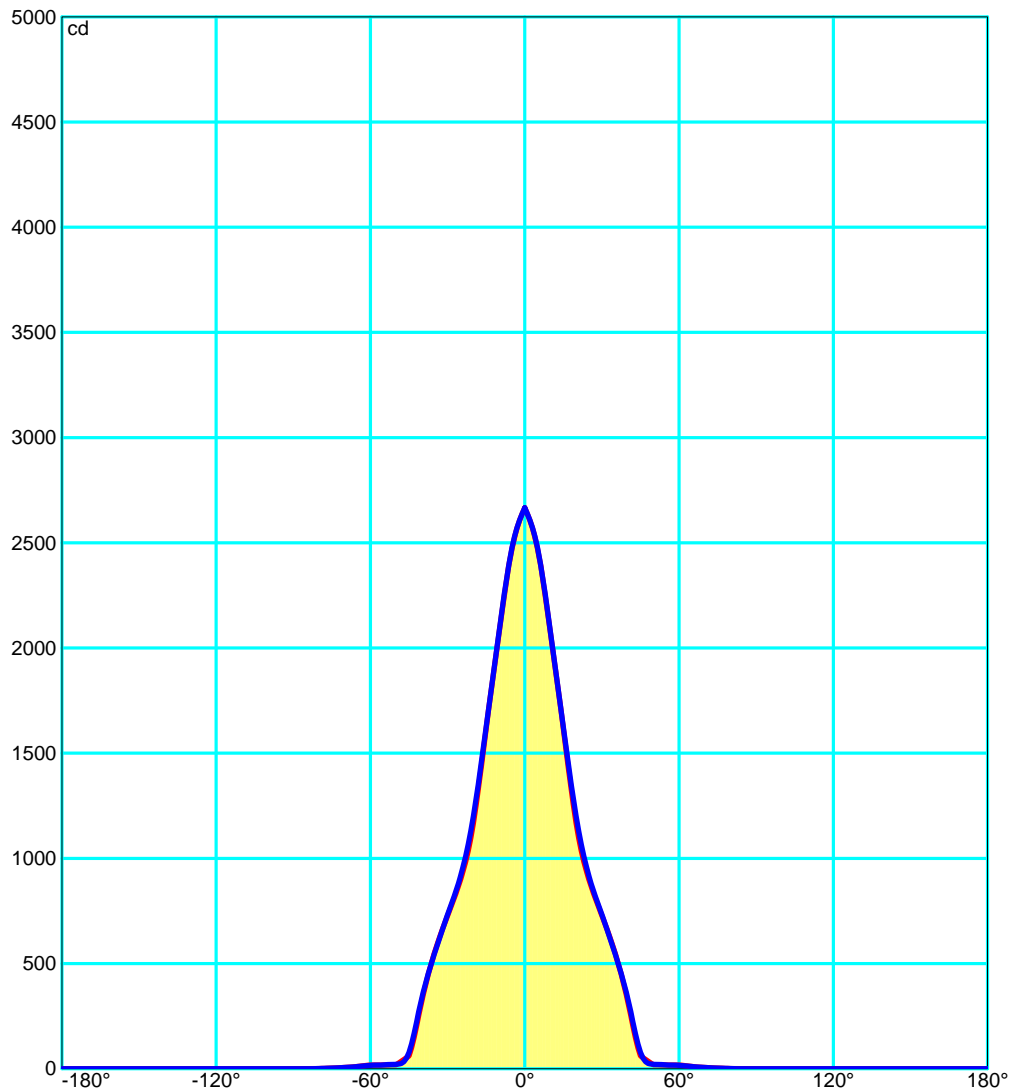


| Luminaire | | Measur. | | Lamp | |
|------------|-------------------------------|-------------------|-------------------------------|------------|----------------------|
| Code | 90-3525-14-37 | Code | 90-3296-14-37 | Code | L3296 25.9W 90 3000K |
| Name | Downlight led 25.9W 38° 3000K | Name | Downlight led 25.9W 38° 3000K | Number | 1 |
| Line | Eulumdat | Date | 29-04-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1577.01 lm |

Diam=175mm



C Halfplanes



| | | | | | |
|------------------|-------------------------------|-------------------|-------------------------------|-------------|----------------------|
| Luminaire | | Measur. | | Lamp | |
| Code | 90-3525-14-37 | Code | 90-3296-14-37 | Code | L3296 25.9W 90 3000K |
| Name | Downlight led 25.9W 38° 3000K | Name | Downlight led 25.9W 38° 3000K | Number | 1 |
| Line | Eulumdat | Date | 29-04-2014 | Position | |
| Efficiency | 100.00% | Coordinate system | CG | Total Flux | 1577.01 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 | 18.3 | 19.0 | 18.5 | 19.2 | 19.3 | 18.2 | 18.9 | 18.5 | 19.1 | 19.3 |
| x=2H y=3H | 18.2 | 18.9 | 18.5 | 19.1 | 19.2 | 18.1 | 18.8 | 18.4 | 19.0 | 19.2 |
| x=2H y=4H | 18.2 | 18.8 | 18.5 | 19.0 | 19.2 | 18.1 | 18.7 | 18.4 | 18.9 | 19.2 |
| x=2H y=6H | 18.1 | 18.7 | 18.4 | 18.9 | 19.1 | 18.0 | 18.6 | 18.3 | 18.8 | 19.1 |
| x=2H y=8H | 18.1 | 18.6 | 18.4 | 18.9 | 19.1 | 18.0 | 18.5 | 18.3 | 18.8 | 19.1 |
| x=2H y=12H | 18.0 | 18.5 | 18.4 | 18.8 | 19.1 | 17.9 | 18.4 | 18.3 | 18.7 | 19.1 |
| x=4H y=2H | 18.1 | 18.7 | 18.4 | 19.0 | 19.2 | 18.0 | 18.7 | 18.4 | 18.9 | 19.2 |
| x=4H y=3H | 18.1 | 18.6 | 18.4 | 18.9 | 19.1 | 18.0 | 18.5 | 18.3 | 18.8 | 19.1 |
| x=4H y=4H | 18.0 | 18.5 | 18.4 | 18.8 | 19.0 | 17.9 | 18.4 | 18.3 | 18.7 | 19.0 |
| x=4H y=6H | 17.9 | 18.3 | 18.3 | 18.7 | 19.0 | 17.9 | 18.2 | 18.3 | 18.6 | 19.0 |
| x=4H y=8H | 17.9 | 18.2 | 18.3 | 18.6 | 18.9 | 17.8 | 18.1 | 18.2 | 18.5 | 18.9 |
| x=4H y=12H | 17.9 | 18.2 | 18.3 | 18.5 | 18.9 | 17.8 | 18.1 | 18.2 | 18.5 | 18.9 |
| x=8H y=4H | 17.9 | 18.2 | 18.3 | 18.6 | 18.9 | 17.8 | 18.2 | 18.2 | 18.5 | 18.9 |
| x=8H y=6H | 17.8 | 18.1 | 18.3 | 18.5 | 18.8 | 17.7 | 18.0 | 18.2 | 18.4 | 18.8 |
| x=8H y=8H | 17.8 | 18.0 | 18.3 | 18.4 | 18.8 | 17.7 | 17.9 | 18.2 | 18.3 | 18.8 |
| x=8H y=12H | 17.7 | 17.9 | 18.2 | 18.4 | 18.8 | 17.7 | 17.8 | 18.1 | 18.3 | 18.8 |
| x=12H y=4H | 17.9 | 18.2 | 18.3 | 18.5 | 18.9 | 17.8 | 18.1 | 18.2 | 18.5 | 18.9 |
| x=12H y=6H | 17.8 | 18.0 | 18.3 | 18.4 | 18.8 | 17.7 | 17.9 | 18.2 | 18.3 | 18.8 |
| x=12H y=8H | 17.7 | 17.9 | 18.2 | 18.4 | 18.8 | 17.7 | 17.8 | 18.1 | 18.3 | 18.8 |

Luminaire

Code 90-3525-14-37
 Name Downlight led 25.9W 38° 3000K
 Line Eulumdat

Measuram.

Code 90-3296-14-37
 Name Downlight led 25.9W 38° 3000K
 Date 29-04-2014

Lamp

Code L3296 25.9W 90 3000K
 Number 1
 Position

Efficiency 100.00% Coordinate system CG Total Flux 1577.01 lm

Total Flux=1577.01 Luminaire Flux=1577.00

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 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 | 0.69 | 0.74 | 0.79 | 0.83 | 0.86 | 0.91 | 0.94 | 0.96 | 0.98 | 0.99 | 1.01 | 1.02 |
| RC | - | - | - | - | - | - | - | - | - | - | - | - |

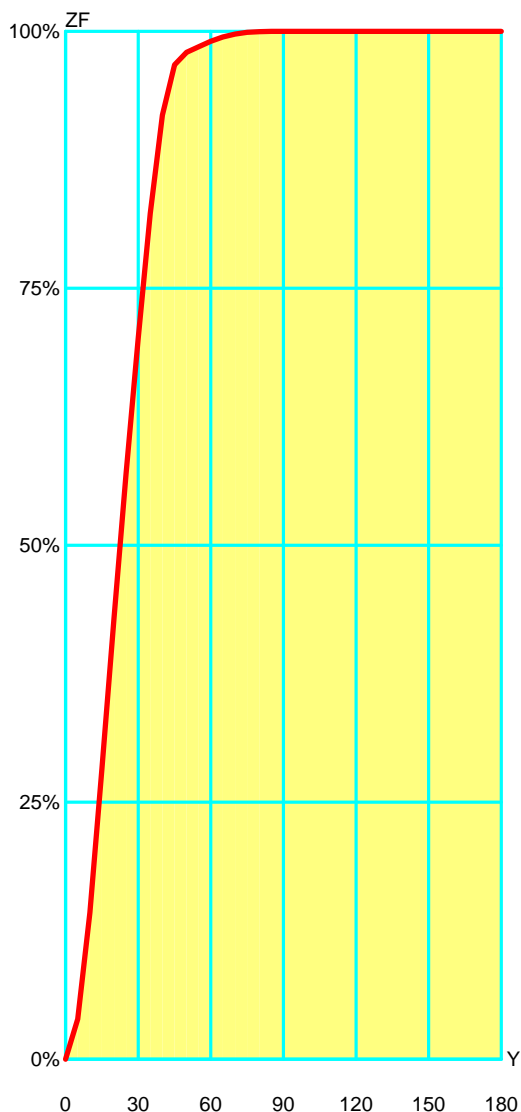
Zonal Flux per 1000 Lumen

| | | | | | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 143 | 430 | 702 | 919 | 980 | 990 | 997 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

CIE Flux Codes

94 99 100 100 100

| | | | |
|------------|---------------------|------|-------------|
| C.I.E. | -/-/-/-/-/-/-/-/-/- | LOR | 99.99957 % |
| D DIN 5040 | A60 | ULOR | 0.00000 % |
| F UTE | 1.00 A | DLOR | 99.99957 % |
| 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° | 39.06 | 39.06 | 3.91% | 3.91% |
| 10° | 103.61 | 142.67 | 10.36% | 14.27% |
| 15° | 139.60 | 282.27 | 13.96% | 28.23% |
| 20° | 147.54 | 429.81 | 14.75% | 42.98% |
| 25° | 139.91 | 569.72 | 13.99% | 56.97% |
| 30° | 131.97 | 701.69 | 13.20% | 70.17% |
| 35° | 121.10 | 822.78 | 12.11% | 82.28% |
| 40° | 95.81 | 918.59 | 9.58% | 91.86% |
| 45° | 48.84 | 967.43 | 4.88% | 96.74% |
| 50° | 12.17 | 979.60 | 1.22% | 97.96% |
| 55° | 5.43 | 985.03 | 0.54% | 98.50% |
| 60° | 5.19 | 990.22 | 0.52% | 99.02% |
| 65° | 4.35 | 994.57 | 0.44% | 99.46% |
| 70° | 2.78 | 997.36 | 0.28% | 99.74% |
| 75° | 1.58 | 998.94 | 0.16% | 99.89% |
| 80° | 0.73 | 999.67 | 0.07% | 99.97% |
| 85° | 0.23 | 999.90 | 0.02% | 99.99% |
| 90° | 0.09 | 1000.00 | 0.01% | 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% |

