

Luminaire

Code BM8000x_BM82000_XW
 Name Hoy Spot - semi-rec./rec. 927 - XW

Measurment.

Code RDN190363
 Name Hoy Spot - semi-rec./rec. 927 - XW

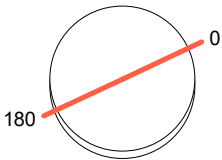
| | | | | | | | |
|----------------------------|------------|-----------------|---------------|-----------------------------|---------------|------------|-----------------|
| Luminaire Flux | 1784.14 lm | Luminaire Power | 19.00 W | Efficacy | 93.90 lm/W | Efficiency | 100.00% |
| Sources Flux | 1784.14 lm | Maximum value | 891.23 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 90 mm | Height | 110 mm | | |
| Round Luminous Area | | Diam. | 74 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 0.004301 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° | | | 0.001040 m2 |
| Coordinate system | | CG | | Symmetry Type | | | Rotosymmetrical |
| Date | | 10-05-2023 | | Maximum Gamma Angle | | | 180 |
| Measurement Distance | | 0.00 | | Measurement Flux | | | 1784.14 lm |

LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=95lm/W CCT=2700K Ra=90 R9=50 SDCM=2 L70(6k)=50000h

C.I.E. 79 95 100 100 100
 F UTE 1.00 B

D DIN 5040 A60
 B NBN BZ 1

Diam=90mm



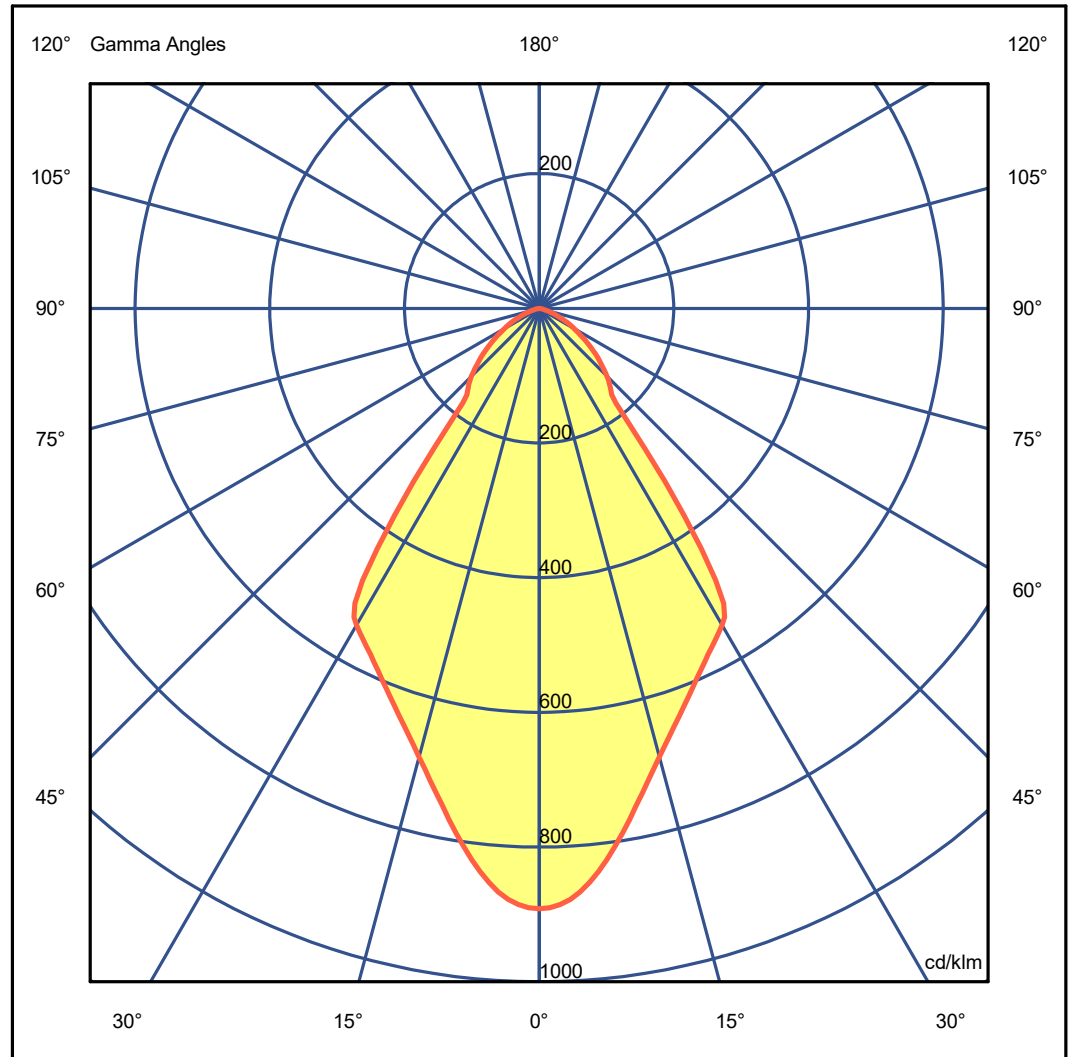
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Measurem.

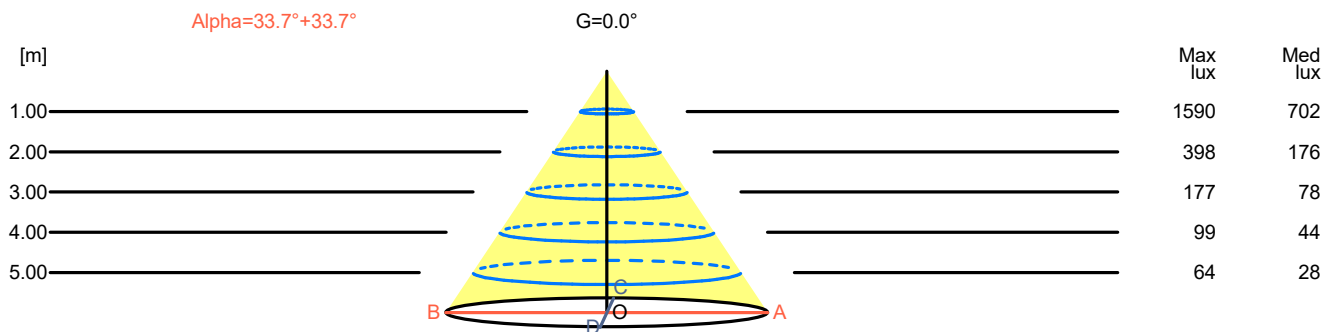
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| | | | | | | | |
|----------------|------------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 1784.14 lm | Luminaire Power | 19.00 W | Efficacy | 93.90 lm/W | Efficiency | 100.00% |
| Sources Flux | 1784.14 lm | Maximum value | 891.23 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |

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 | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 | OC | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 |
| OB | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 | OD | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|--------|--------|-------|-------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1590.08 | 1526.81 | 1230.33 | 1035.04 | 668.51 | 253.64 | 150.32 | 69.18 | 15.91 | 0.72 |
| OB | 1590.08 | 1526.81 | 1230.33 | 1035.04 | 668.51 | 253.64 | 150.32 | 69.18 | 15.91 | 0.72 |
| OC | 1590.08 | 1526.81 | 1230.33 | 1035.04 | 668.51 | 253.64 | 150.32 | 69.18 | 15.91 | 0.72 |
| OD | 1590.08 | 1526.81 | 1230.33 | 1035.04 | 668.51 | 253.64 | 150.32 | 69.18 | 15.91 | 0.72 |



| H[m] | D[m] | Max lux | Med lux | Alpha=33.7°+33.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.33 | 1590 | 702 | | |
| 2.00 | 2.67 | 398 | 176 | | |
| 3.00 | 4.00 | 177 | 78 | | |
| 4.00 | 5.34 | 99 | 44 | | |
| 5.00 | 6.67 | 64 | 28 | | |