

Luminaire

Code RPU50NWLC9
Name XROPE UGR D (DOWN)

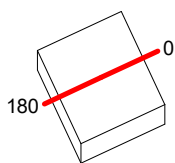
Measurement

Code RPU50NWLC9
Name XROPE UGR D (DOWN)

| | | | | | | | |
|----------------------------|-----------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 729.01 lm | Luminaire Power | 9.00 W | Efficacy | 81.00 lm/W | Efficiency | 99.59% |
| Lamps Flux | 732.00 lm | Maximum value | 630.24 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Rectangular Luminaire | | Length | 200 mm | Width | 180 mm | Height | 75 mm |
| Rectangular Luminous Area | | Length | 200 mm | Width | 180 mm | Height | 75 mm |
| Horizontal Luminous Area | | 0.036000 m2 | | Emitting area on Plane 180° | | 0.015000 m2 | |
| Emitting area on Plane 0° | | 0.015000 m2 | | Emitting area on Plane 270° | | 0.013500 m2 | |
| Emitting area on Plane 90° | | 0.013500 m2 | | Glare area at 76° | | 0.023264 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 29-07-2023 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1470.00 lm | |
| Operator | | | | Source Voltage [V] | | | |
| Temperature | | 25.00 °C | | Source current [A] | | | |
| Humidity | | 60.00 % | | Photocell | | | |
| Notes | | | | | | | |

| Line | | Code | | Luminaire Lamps | | Flux [lm] | Pow. [W] | Q.ty |
|--------|------------------|------------|--|----------------------------|-----------------|-----------|----------|------|
| | | RPU50NWLC9 | | Name XROPE UGR D (DOWN) | | 732.00 | 9.00 | 1 |
| C.I.E. | 64 87 97 100 100 | | | D DIN 5040 | A50 | | | |
| F UTE | 0.99 C | | | B NBN | BZ 2 / 1 / BZ 3 | | | |

200mm x 180mm



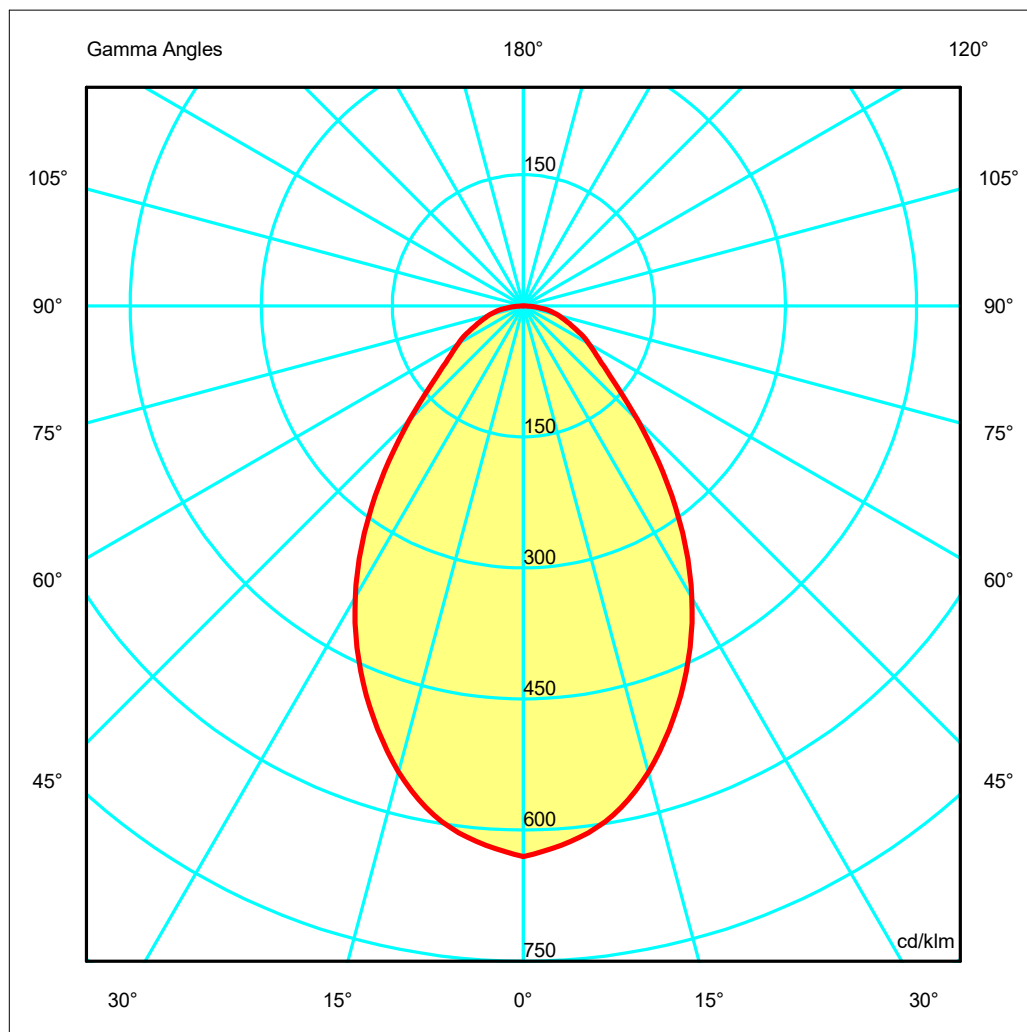
C Halfplanes

180.0 — 0.0

ULOR 0.09 %

DLOR 99.50 %

RN 0.09 %



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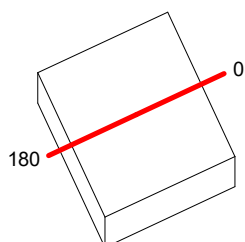
Measurem.

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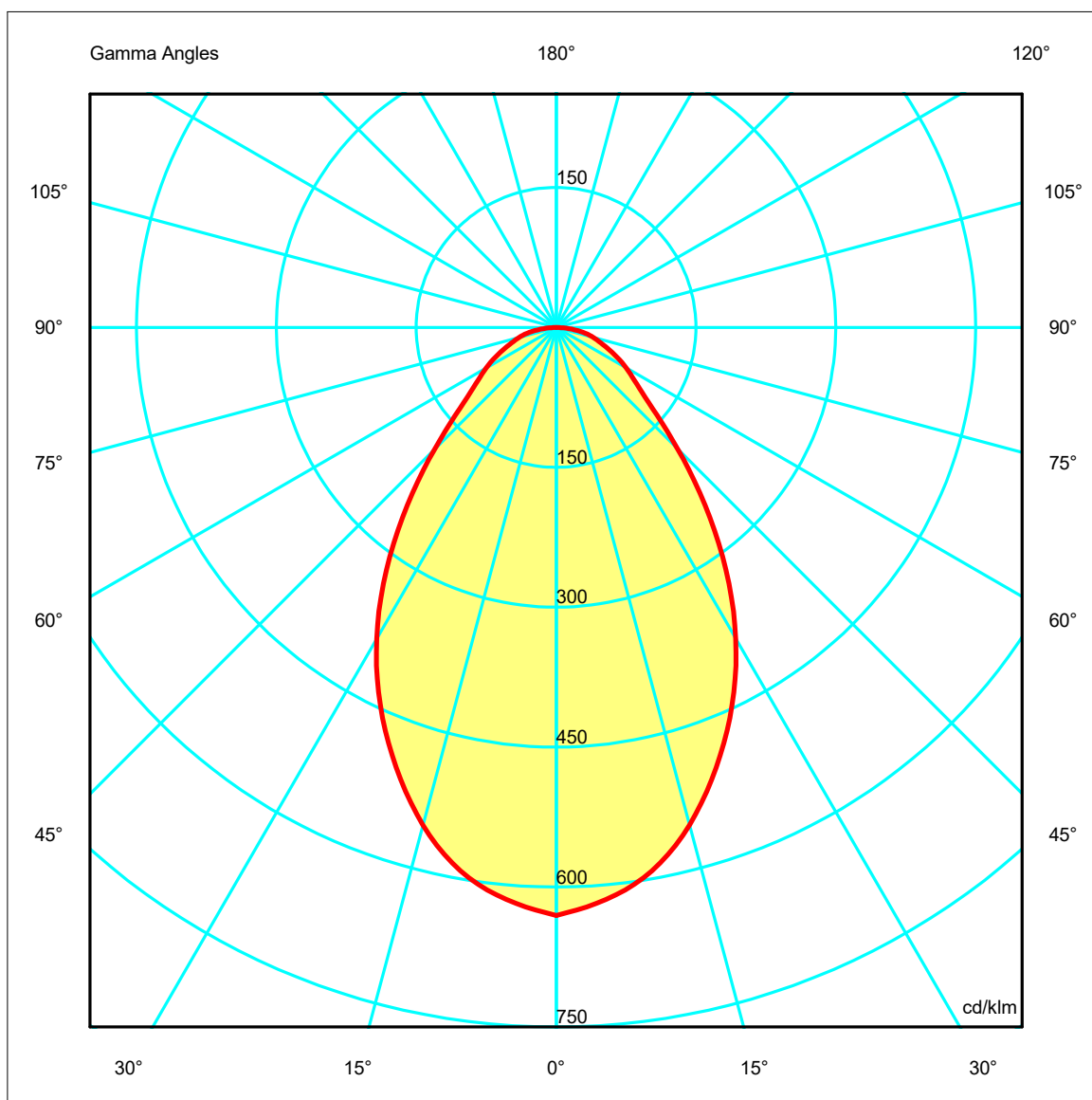
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200mm x 180mm

C Halfplanes



180.0 ————— 0.0



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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 | 14.3 | 15.4 | 14.6 | 15.6 | 15.9 | 14.4 | 15.5 | 14.7 | 15.7 | 15.9 |
| x=2H y=3H | 15.2 | 16.2 | 15.6 | 16.5 | 16.8 | 15.3 | 16.3 | 15.6 | 16.6 | 16.8 |
| x=2H y=4H | 15.7 | 16.6 | 16.0 | 16.9 | 17.2 | 15.8 | 16.7 | 16.1 | 17.0 | 17.2 |
| x=2H y=6H | 16.0 | 16.9 | 16.4 | 17.2 | 17.6 | 16.1 | 17.0 | 16.5 | 17.3 | 17.6 |
| x=2H y=8H | 16.1 | 17.0 | 16.5 | 17.3 | 17.7 | 16.3 | 17.1 | 16.6 | 17.4 | 17.7 |
| x=2H y=12H | 16.2 | 17.0 | 16.6 | 17.3 | 17.7 | 16.3 | 17.1 | 16.7 | 17.4 | 17.7 |
| x=4H y=2H | 14.7 | 15.6 | 15.0 | 15.9 | 16.2 | 14.8 | 15.7 | 15.1 | 16.0 | 16.2 |
| x=4H y=3H | 15.8 | 16.6 | 16.2 | 17.0 | 17.4 | 15.9 | 16.7 | 16.3 | 17.0 | 17.4 |
| x=4H y=4H | 16.4 | 17.1 | 16.8 | 17.4 | 17.9 | 16.5 | 17.2 | 16.9 | 17.5 | 17.9 |
| x=4H y=6H | 16.9 | 17.5 | 17.3 | 17.9 | 18.3 | 17.0 | 17.6 | 17.4 | 18.0 | 18.3 |
| x=4H y=8H | 17.0 | 17.6 | 17.5 | 18.0 | 18.5 | 17.1 | 17.7 | 17.6 | 18.1 | 18.5 |
| x=4H y=12H | 17.1 | 17.6 | 17.6 | 18.0 | 18.6 | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 |
| x=8H y=4H | 16.6 | 17.2 | 17.0 | 17.6 | 18.1 | 16.7 | 17.3 | 17.1 | 17.6 | 18.1 |
| x=8H y=6H | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 | 17.3 | 17.7 | 17.7 | 18.2 | 18.6 |
| x=8H y=8H | 17.4 | 17.8 | 17.9 | 18.3 | 18.8 | 17.5 | 17.9 | 18.0 | 18.3 | 18.8 |
| x=8H y=12H | 17.5 | 17.9 | 18.0 | 18.3 | 19.0 | 17.6 | 18.0 | 18.1 | 18.5 | 19.0 |
| x=12H y=4H | 16.6 | 17.1 | 17.1 | 17.5 | 18.0 | 16.7 | 17.2 | 17.1 | 17.6 | 18.0 |
| x=12H y=6H | 17.2 | 17.6 | 17.7 | 18.1 | 18.6 | 17.3 | 17.7 | 17.8 | 18.2 | 18.6 |
| x=12H y=8H | 17.5 | 17.8 | 18.0 | 18.3 | 18.9 | 17.6 | 17.9 | 18.1 | 18.4 | 18.9 |