

## Luminaire

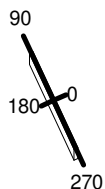
Code CM111104  
Name A.39 MICRO REFR.1184 DI/IN 940 DAL NR/NR

## Measurement

Code FTS2400100  
Name A.39 MICRO REFR.1184 DI/IN 940 DAL NR/NR

|   |         |                         |               |                             |                |                         |                    |
|---|---------|-------------------------|---------------|-----------------------------|----------------|-------------------------|--------------------|
| Luminaire Flux  | 4810 lm | Luminaire Power         | 36.0 W        | Efficacy                    | 133.611 lm/W   | Efficiency              | 100.00%            |
| Source Flux   | 4810 lm | Maximum value           | 538.27 cd/klm | Position                    | C=70.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire   |         | Length                  | 1184 mm       | Width                       | 45 mm          | Height                  | 85 mm              |
| Rectangular Luminous Area   |         | Length                  | 1088 mm       | Width                       | 34 mm          | Height                  | 0 mm               |
| Horizontal Luminous Area  |         | 0.036992 m <sup>2</sup> |               | Emitting area on Plane 180° |                | 0.000000 m <sup>2</sup> |                    |
| Emitting area on Plane 0°   |         | 0.000000 m <sup>2</sup> |               | Emitting area on Plane 270° |                | 0.000000 m <sup>2</sup> |                    |
| Emitting area on Plane 90°  |         | 0.000000 m <sup>2</sup> |               | Glare area at 76°           |                | 0.008949 m <sup>2</sup> |                    |
| Coordinate system   |         | CG                      |               | Symmetry Type               |                | Double Symmetrical      |                    |
| Date  |         | 25-03-2024              |               | Maximum Gamma Angle         |                | 180                     |                    |
| Measurement Distance  |         | 0.00                    |               | Measurement Flux            |                | 4810 lm                 |                    |
| LED Flux=5802lm LED Power=31W Eff=83% EfcLed=189lm/W EfcLum=134lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h |         |                         |               |                             |                |                         |                    |
| C.I.E.  | 100     | 100                     | 100           | 58                          | 100            | D DIN 5040              | C61                |
| F UTE   | --      |                         |               |                             |                | B NBN                   | BZ 1               |

1184mm x 45mm



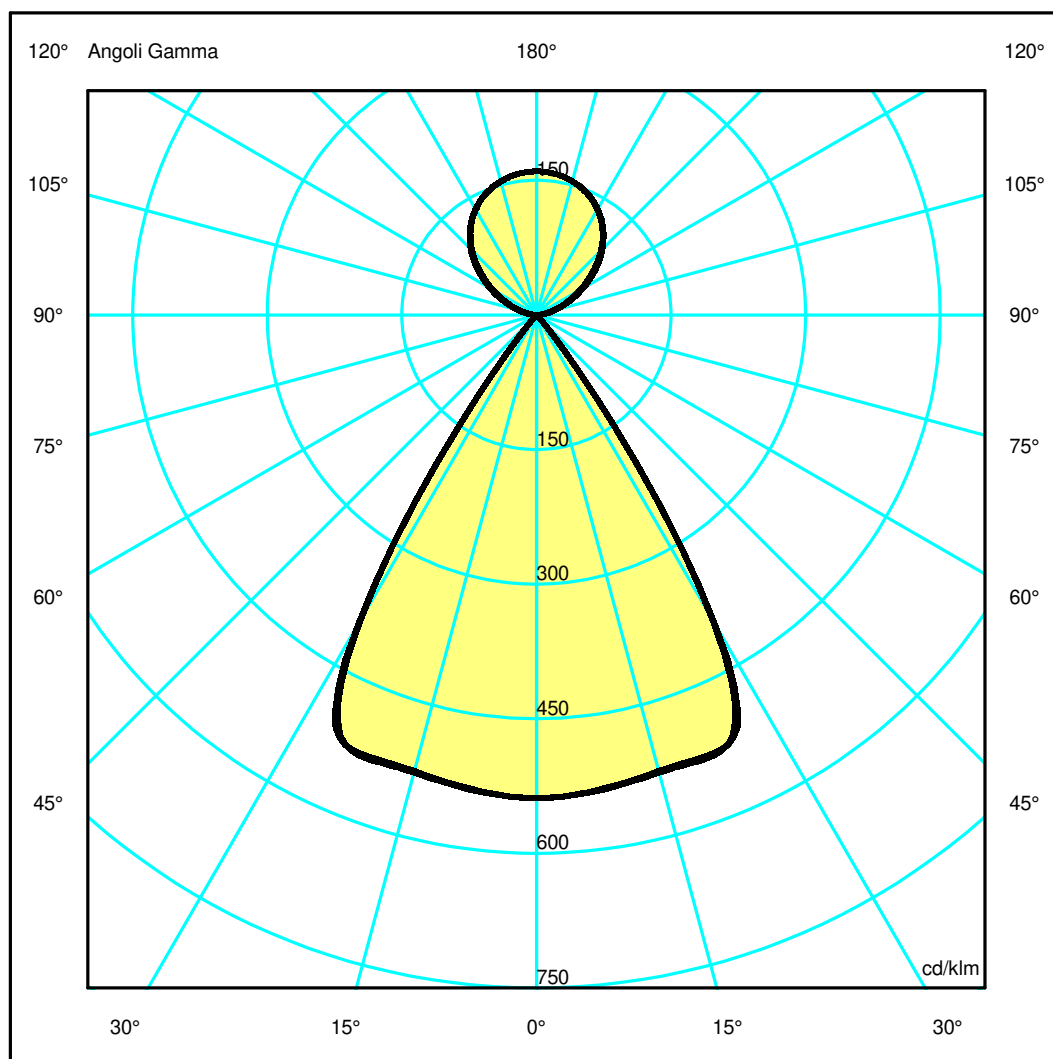
Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 41.66 %

DLOR 58.34 %

RN 41.66 %



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|                            |         |                         |               |                             |                |                         |                    |
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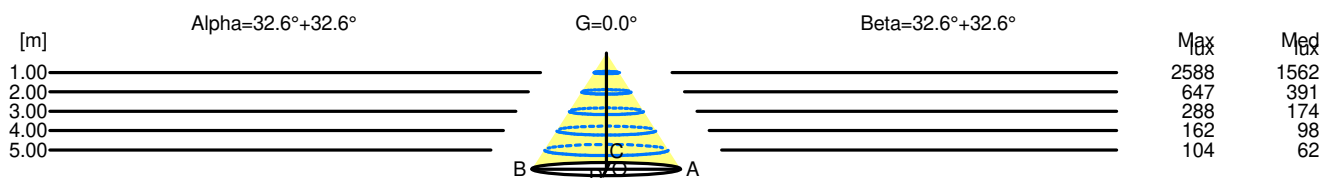
LED Flux=5802lm LED Power=31W Eff=83% EfcLed=189lm/W EfcLum=134lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

|        |                    |            |      |
|--------|--------------------|------------|------|
| C.I.E. | 100 100 100 58 100 | D DIN 5040 | C61  |
| F UTE  | --                 | B NBN      | BZ 1 |

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   | 0.64 | 1.28 | 1.92 | 2.56 | 3.20 | OC   | 0.64 | 1.28 | 1.92 | 2.56 | 3.20 |
| OB   | 0.64 | 1.28 | 1.92 | 2.56 | 3.20 | OD   | 0.64 | 1.28 | 1.92 | 2.56 | 3.20 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |        |       |      |      |      |      |
|----|---------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
|    | 0                               | 5       | 15      | 25      | 35     | 45    | 55   | 65   | 75   | 85   |
| OA | 2587.59                         | 2577.44 | 2530.17 | 2498.16 | 716.43 | 23.42 | 6.52 | 1.61 | 1.02 | 0.63 |
| OB | 2587.59                         | 2577.44 | 2530.17 | 2498.16 | 716.43 | 23.42 | 6.52 | 1.61 | 1.02 | 0.63 |
| OC | 2587.59                         | 2578.14 | 2537.82 | 2489.95 | 723.50 | 25.06 | 7.50 | 1.78 | 1.04 | 0.66 |
| OD | 2587.59                         | 2578.14 | 2537.82 | 2489.95 | 723.50 | 25.06 | 7.50 | 1.78 | 1.04 | 0.66 |



| H[m] | D[m] | Max lux | Med lux | Alpha=32.6°+32.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.28 | 2588    | 1562    |                   |       |
| 2.00 | 2.56 | 647     | 391     |                   |       |
| 3.00 | 3.84 | 288     | 174     |                   |       |
| 4.00 | 5.12 | 162     | 98      |                   |       |
| 5.00 | 6.40 | 104     | 62      |                   |       |

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| 2.00 | 2.56 | 647     | 391     |                  |       |
| 3.00 | 3.84 | 288     | 174     |                  |       |
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| 5.00 | 6.40 | 104     | 62      |                  |       |