

## Luminaire

Code CE15005+BZ07304  
 Name SHARP REFRACTIVE TRIM 12 UNIT 2700K WF SIL + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

## Measurement

Code FTS2200285  
 Name SHARP REFRACTIVE TRIM 12 UNIT 2700K WF SIL + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

|                            |         |                         |                |                             |               |                         |                    |
|----------------------------|---------|-------------------------|----------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux             | 3016 lm | Luminaire Power         | 24.0 W         | Efficacy                    | 125.670 lm/W  | Efficiency              | 100.00%            |
| Source Flux                | 3016 lm | Maximum value           | 1156.50 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire      |         | Length                  | 460 mm         | Width                       | 55 mm         | Height                  | 55 mm              |
| Rectangular Luminous Area  |         | Length                  | 420 mm         | Width                       | 35 mm         | Height                  | 0 mm               |
| Horizontal Luminous Area   |         | 0.014700 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°           |               | 0.003556 m <sup>2</sup> |                    |
| Coordinate system          |         | CG                      |                | Symmetry Type               |               | Double Symmetrical      |                    |
| Date                       |         | 04-10-2022              |                | Maximum Gamma Angle         |               | 180                     |                    |
| Measurement Distance       |         | 0.00                    |                | Measurement Flux            |               | 3016 lm                 |                    |

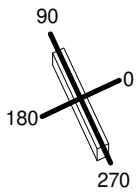
LED Flux=3748lm LED Power=24W Eff=80% EfcLed=156lm/W EfcLum=126lm/W CCT=2700K Ra=90 SDCM=3 L70(6K)=50000h

C.I.E. 98 100 100 100 100  
 F UTE --

D DIN 5040  
 B NBN

A60  
 BZ 1

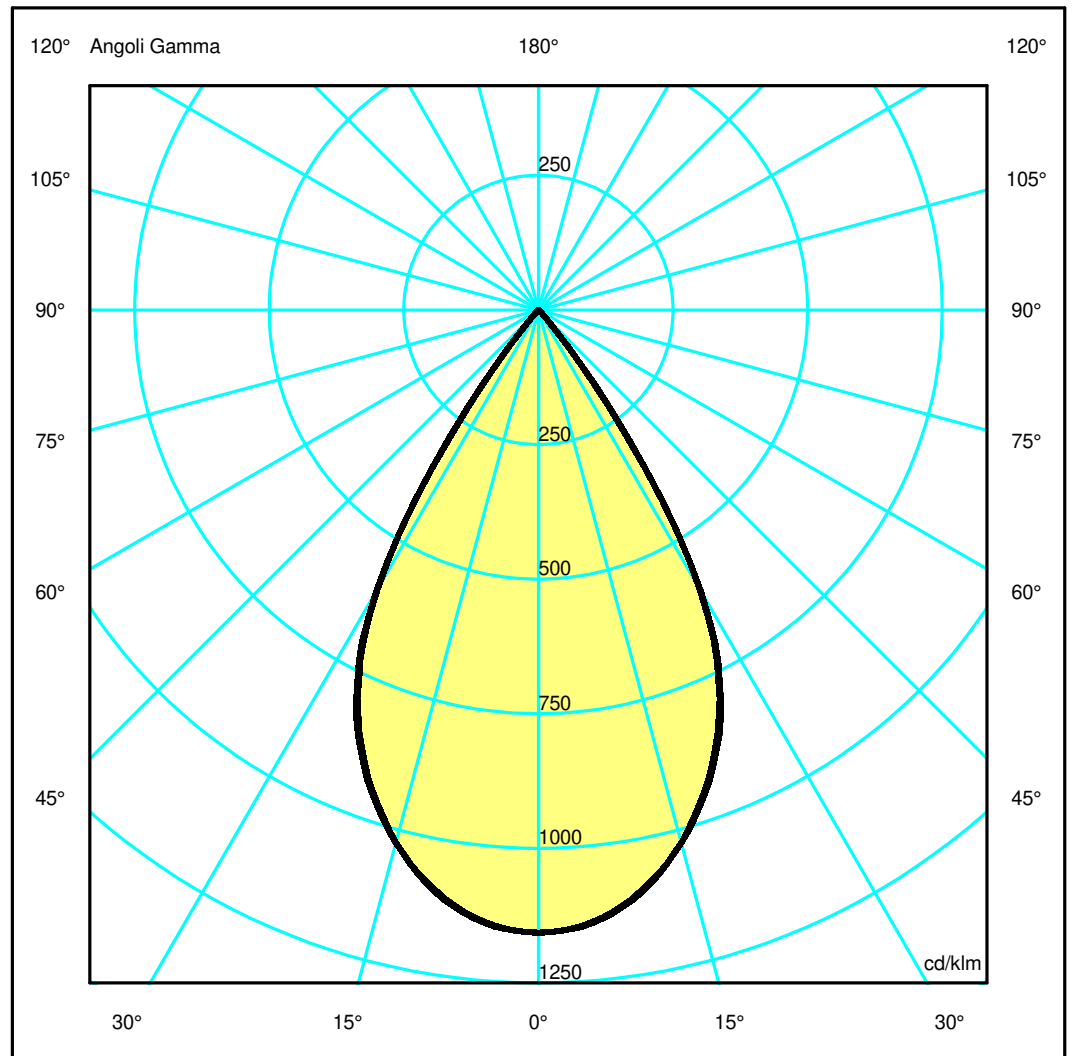
460mm x 55mm



Semipiani C

180.0 — 0.0  
 270.0 — 90.0

ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



## Luminaire

Code CE15005+BZ07304  
 Name SHARP REFRACTIVE TRIM 12 UNIT 2700K WF SIL + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

## Measurerm.

Code FTS2200285  
 Name SHARP REFRACTIVE TRIM 12 UNIT 2700K WF SIL + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

|                            |         |                 |                |                             |               |                    |                    |
|----------------------------|---------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 3016 lm | Luminaire Power | 24.0 W         | Efficacy                    | 125.670 lm/W  | Efficiency         | 100.00%            |
| Source Flux                | 3016 lm | Maximum value   | 1156.50 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire      |         | Length          | 460 mm         | Width                       | 55 mm         | Height             | 55 mm              |
| Rectangular Luminous Area  |         | Length          | 420 mm         | Width                       | 35 mm         | Height             | 0 mm               |
| Horizontal Luminous Area   |         | 0.014700 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°           |               | 0.003556 m2        |                    |
| Coordinate system          |         | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date                       |         | 04-10-2022      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance       |         | 0.00            |                | Measurement Flux            |               | 3016 lm            |                    |

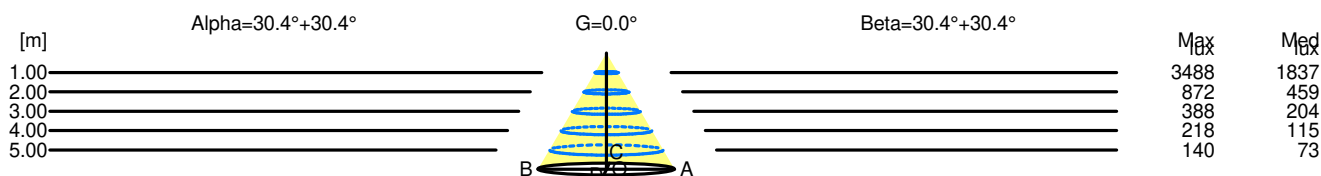
LED Flux=3748lm LED Power=24W Eff=80% EfcLed=156lm/W EfcLum=126lm/W CCT=2700K Ra=90 SDCM=3 L70(6K)=50000h

|        |    |     |     |     |     |            |      |
|--------|----|-----|-----|-----|-----|------------|------|
| C.I.E. | 98 | 100 | 100 | 100 | 100 | D DIN 5040 | A60  |
| 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   | 0.59 | 1.18 | 1.76 | 2.35 | 2.94 | OC   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |
| OB   | 0.59 | 1.18 | 1.76 | 2.35 | 2.94 | OD   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |

|    |                                 |         |         |         |        |       |      |      |      |      |
|----|---------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
|    | Luminous Intensities [ cd/klm ] |         |         |         |        |       |      |      |      |      |
|    | 0                               | 5       | 15      | 25      | 35     | 45    | 55   | 65   | 75   | 85   |
| OA | 3488.11                         | 3442.33 | 3088.85 | 2417.34 | 848.43 | 29.19 | 6.53 | 2.02 | 1.31 | 0.79 |
| OB | 3488.11                         | 3442.33 | 3088.85 | 2417.34 | 848.43 | 29.19 | 6.53 | 2.02 | 1.31 | 0.79 |
| OC | 3488.11                         | 3447.24 | 3090.37 | 2401.78 | 868.23 | 29.46 | 7.04 | 1.95 | 1.21 | 0.75 |
| OD | 3488.11                         | 3447.24 | 3090.37 | 2401.78 | 868.23 | 29.46 | 7.04 | 1.95 | 1.21 | 0.75 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.18 | 3488    | 1837    |                   |       |
| 2.00 | 2.35 | 872     | 459     |                   |       |
| 3.00 | 3.53 | 388     | 204     |                   |       |
| 4.00 | 4.70 | 218     | 115     |                   |       |
| 5.00 | 5.88 | 140     | 73      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.17 | 3488    | 1837    |                  |       |
| 2.00 | 2.34 | 872     | 459     |                  |       |
| 3.00 | 3.52 | 388     | 204     |                  |       |
| 4.00 | 4.69 | 218     | 115     |                  |       |
| 5.00 | 5.86 | 140     | 73      |                  |       |