

## Luminaire

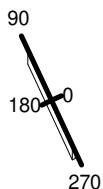
Code AT22501  
Name A.39 DIR/IND CTRL EMIS 1480MM 830 ND BCO

## Measurement

Code FTS1801896-A  
Name A.39 DIR/IND CTRL EMIS 1480MM 830 ND BCO

|   |                 |                         |               |                             |                  |                         |                    |
|---|-----------------|-------------------------|---------------|-----------------------------|------------------|-------------------------|--------------------|
| Luminaire Flux  | 6777 lm         | Luminaire Power         | 73.0 W        | Efficacy                    | 92.836 lm/W      | Efficiency              | 100.00%            |
| Source Flux   | 6777 lm         | Maximum value           | 236.64 cd/klm | Position                    | C=40.00 G=179.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire   |                 | Length                  | 1482 mm       | Width                       | 45 mm            | Height                  | 85 mm              |
| Rectangular Luminous Area   |                 | Length                  | 1474 mm       | Width                       | 40 mm            | Height                  | 0 mm               |
| Horizontal Luminous Area  |                 | 0.058960 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°           |                  | 0.014264 m <sup>2</sup> |                    |
| Coordinate system   |                 | CG                      |               | Symmetry Type               |                  | Double Symmetrical      |                    |
| Date  |                 | 06-12-2023              |               | Maximum Gamma Angle         |                  | 180                     |                    |
| Measurement Distance  |                 | 0.00                    |               | Measurement Flux            |                  | 6777 lm                 |                    |
| LED Flux=11079lm LED Power=61W Eff=61% EfcLed=181lm/W EfcLum=93lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |                 |                         |               |                             |                  |                         |                    |
| C.I.E.  | 71 97 99 39 100 |                         |               | D DIN 5040                  |                  | D62                     |                    |
| F UTE   | 0.39 B + 0.61 T |                         |               | B NBN                       |                  | BZ 2                    |                    |

1482mm x 45mm



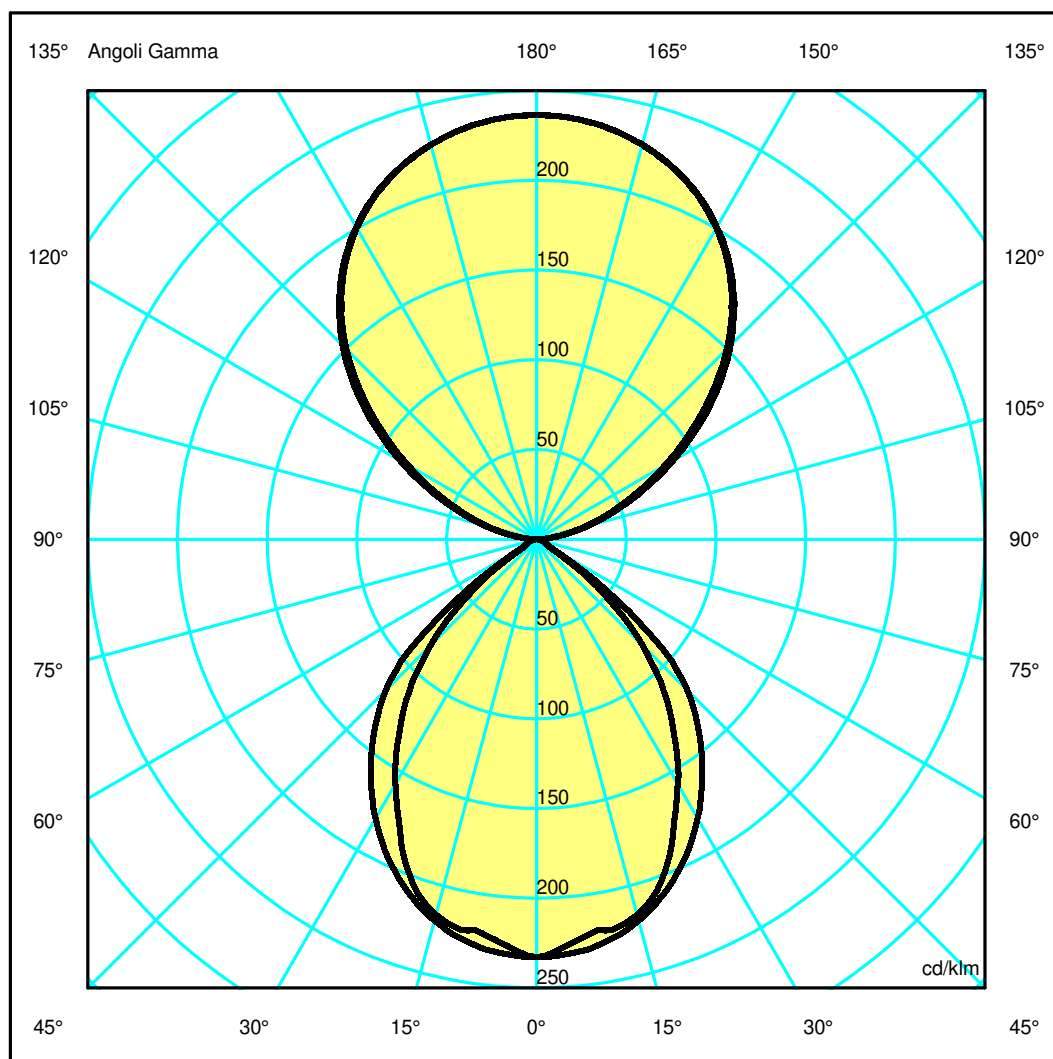
Semipiani C

180.0 ——— 0.0  
270.0 ——— 90.0

ULOR 61.48 %

DLOR 38.52 %

RN 61.48 %



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## Measurerm.

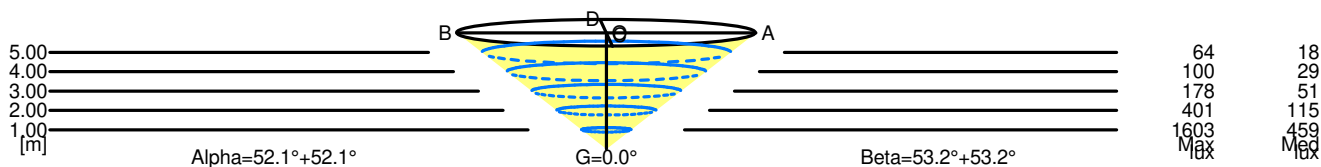
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Name A.39 DIR/IND CTRL EMIS 1480MM 830 ND BCO

|   |                 |                 |               |                             |                  |                    |                    |
|---|-----------------|-----------------|---------------|-----------------------------|------------------|--------------------|--------------------|
| Luminaire Flux  | 6777 lm         | Luminaire Power | 73.0 W        | Efficacy                    | 92.836 lm/W      | Efficiency         | 100.00%            |
| Source Flux   | 6777 lm         | Maximum value   | 236.64 cd/klm | Position                    | C=40.00 G=179.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                 | Length          | 1482 mm       | Width                       | 45 mm            | Height             | 85 mm              |
| Rectangular Luminous Area   |                 | Length          | 1474 mm       | Width                       | 40 mm            | Height             | 0 mm               |
| Horizontal Luminous Area  |                 | 0.058960 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°           |                  | 0.014264 m2        |                    |
| Coordinate system   |                 | CG              |               | Symmetry Type               |                  | Double Symmetrical |                    |
| Date  |                 | 06-12-2023      |               | Maximum Gamma Angle         |                  | 180                |                    |
| Measurement Distance  |                 | 0.00            |               | Measurement Flux            |                  | 6777 lm            |                    |
| LED Flux=11079lm LED Power=61W Eff=61% EfcLed=181lm/W EfcLum=93lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |                 |                 |               |                             |                  |                    |                    |
| C.I.E.  | 71 97 99 39 100 |                 |               | D DIN 5040                  |                  | D62                |                    |
| F UTE   | 0.39 B + 0.61 T |                 |               | B NBN                       |                  | BZ 2               |                    |

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   | 1.29 | 2.57 | 3.86 | 5.15 | 6.43 | OC   | 1.34 | 2.68 | 4.01 | 5.35 | 6.69 |
| OB   | 1.29 | 2.57 | 3.86 | 5.15 | 6.43 | OD   | 1.34 | 2.68 | 4.01 | 5.35 | 6.69 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |         |         |        |        |        |       |
|----|---------------------------------|---------|---------|---------|---------|---------|--------|--------|--------|-------|
|    | 0                               | 5       | 15      | 25      | 35      | 45      | 55     | 65     | 75     | 85    |
| OA | 1603.19                         | 1596.02 | 1542.95 | 1436.24 | 1261.81 | 1014.90 | 711.67 | 419.68 | 189.93 | 34.24 |
| OB | 1603.19                         | 1596.02 | 1542.95 | 1436.24 | 1261.81 | 1014.90 | 711.67 | 419.68 | 189.93 | 34.24 |
| OC | 1603.19                         | 1595.98 | 1543.86 | 1438.66 | 1270.40 | 1035.39 | 747.09 | 448.61 | 206.06 | 41.57 |
| OD | 1603.19                         | 1595.98 | 1543.86 | 1438.66 | 1270.40 | 1035.39 | 747.09 | 448.61 | 206.06 | 41.57 |



|      |       |         |         |                   |       |
|------|-------|---------|---------|-------------------|-------|
| 5.00 | 12.86 | 64      | 18      |                   |       |
| 4.00 | 10.29 | 100     | 29      |                   |       |
| 3.00 | 7.72  | 178     | 51      |                   |       |
| 2.00 | 5.15  | 401     | 115     |                   |       |
| 1.00 | 2.57  | 1603    | 459     |                   |       |
| H[m] | D[m]  | Max lux | Med lux | Alpha=52.1°+52.1° | G=0.0 |

|      |       |         |         |                  |       |
|------|-------|---------|---------|------------------|-------|
| 5.00 | 13.38 | 64      | 18      |                  |       |
| 4.00 | 10.70 | 100     | 29      |                  |       |
| 3.00 | 8.03  | 178     | 51      |                  |       |
| 2.00 | 5.35  | 401     | 115     |                  |       |
| 1.00 | 2.68  | 1603    | 459     |                  |       |
| H[m] | D[m]  | Max lux | Med lux | Beta=53.2°+53.2° | G=0.0 |