

## Luminaire

Code M0671N81+M109800+M281755

Name CATA TIR SOSPENSIONE STABLE WHITE UNITA' OTTICA 4000K DIMM DALI-SWITCHDIM + OTTICA WIDE FLOOD + FILTRO ROSSO

## Measurem.

Code FTS1503494

Name CATA TIR SOSPENSIONE STABLE WHITE UNITA' OTTICA 4000K DIMM DALI-SWITCHDIM + OTTICA WIDE FLOOD + FILTRO ROSSO

|   |                  |                 |               |                             |                |                 |                 |
|---|------------------|-----------------|---------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux  | 554.00 lm        | Luminaire Power | 22.00 W       | Efficacy                    | 25.18 lm/W     | Efficiency      | 100.00%         |
| Lamps Flux  | 554.00 lm        | Maximum value   | 351.78 cd/klm | Position                    | C=0.00 G=26.00 | CG              | Rotosymmetrical |
| Round Luminaire   |                  | Diam.           | 130 mm        | Height                      | 176 mm         |                 |                 |
| Round Luminous Area   |                  | Diam.           | 75 mm         | Height                      | 50 mm          |                 |                 |
| Horizontal Luminous Area  |                  | 0.004418 m2     |               | Emitting area on Plane 180° |                | 0.003750 m2     |                 |
| Emitting area on Plane 0°   |                  | 0.003750 m2     |               | Emitting area on Plane 270° |                | 0.003750 m2     |                 |
| Emitting area on Plane 90°  |                  | 0.003750 m2     |               | Glare area at 76°           |                | 0.004707 m2     |                 |
| Coordinate system   |                  | CG              |               | Symmetry Type               |                | Rotosymmetrical |                 |
| Date  |                  | 08-10-2015      |               | Maximum Gamma Angle         |                | 90              |                 |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |                | 554.00 lm       |                 |
| LED Flux=1943,3lm LED Power=17,5W Eff=29% EfcLed=111lm/W EfcLum=25lm/W L70(6K)=36000h |                  |                 |               |                             |                |                 |                 |
| C.I.E.  | 51 82 94 100 100 |                 |               | D DIN 5040                  |                | A40             |                 |
| F UTE   | 1.00 D           |                 |               | B NBN                       |                | BZ 4 / 4 / BZ 5 |                 |

Diam=130mm



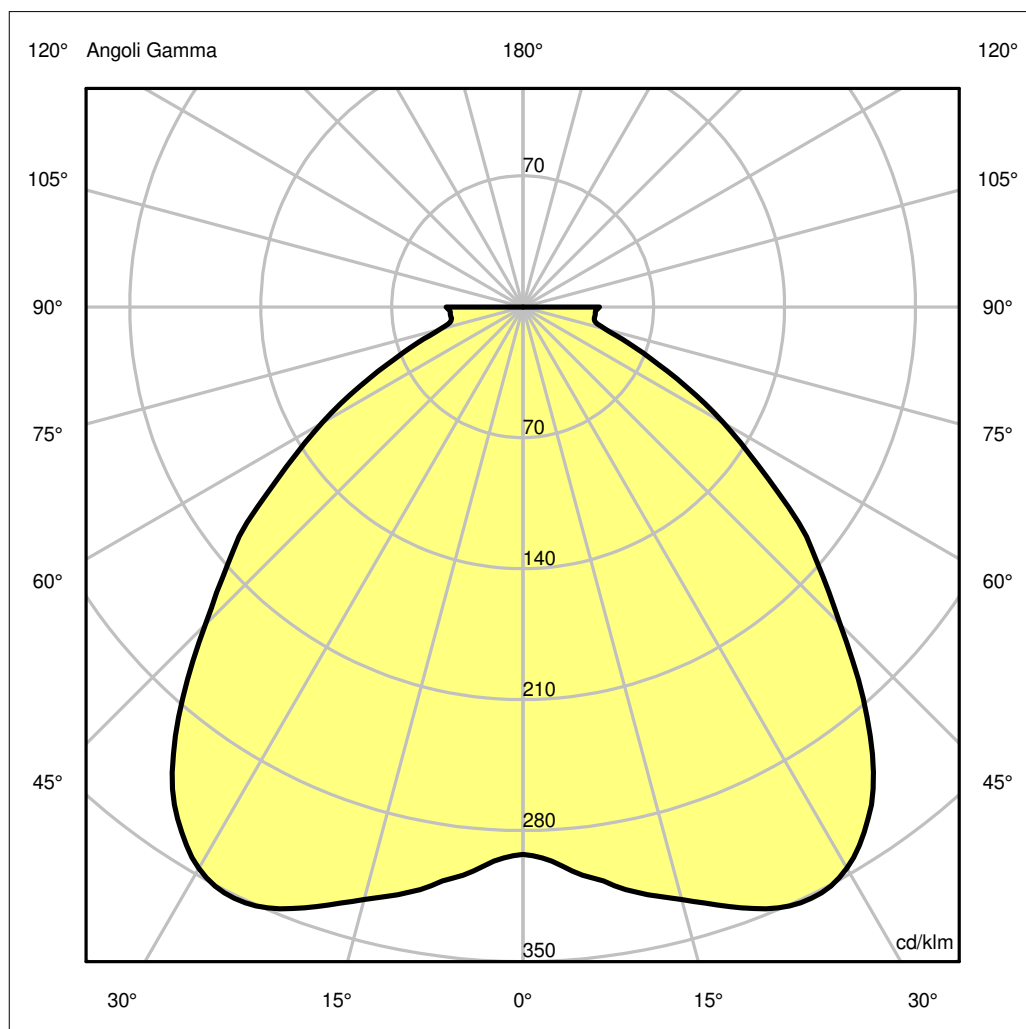
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurement

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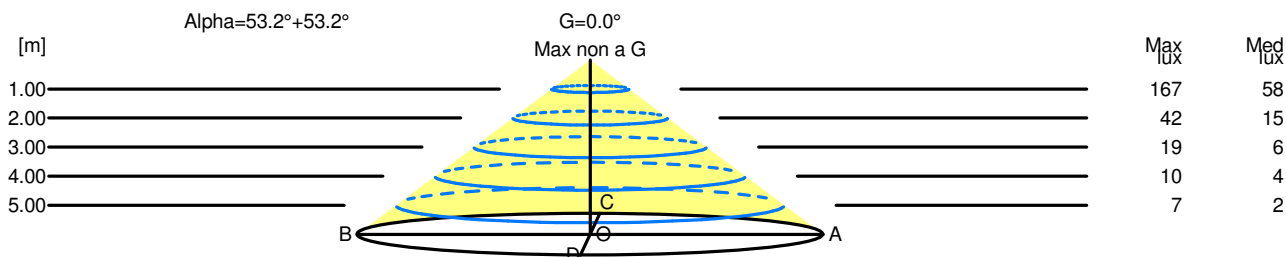
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|   |           |                 |               |                             |                 |                 |                 |
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| Coordinate system   |           | CG              |               | Symmetry Type               |                 | Rotosymmetrical |                 |
| Date  |           | 08-10-2015      |               | Maximum Gamma Angle         |                 | 90              |                 |
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| C.I.E.  | 51 82 94  | 100 100         |               | D DIN 5040                  | A40             |                 |                 |
| F UTE   | 1.00 D    |                 |               | B NBN                       | BZ 4 / 4 / BZ 5 |                 |                 |

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   | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 | OC   | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 |
| OB   | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 | OD   | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 |

|    |                                |        |        |        |        |        |       |       |       |       |
|----|--------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |       |       |       |       |
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55    | 65    | 75    | 85    |
| OA | 162.17                         | 167.70 | 181.72 | 194.68 | 179.96 | 132.92 | 88.64 | 50.20 | 25.16 | 21.58 |
| OB | 162.17                         | 167.70 | 181.72 | 194.68 | 179.96 | 132.92 | 88.64 | 50.20 | 25.16 | 21.58 |
| OC | 162.17                         | 167.70 | 181.72 | 194.68 | 179.96 | 132.92 | 88.64 | 50.20 | 25.16 | 21.58 |
| OD | 162.17                         | 167.70 | 181.72 | 194.68 | 179.96 | 132.92 | 88.64 | 50.20 | 25.16 | 21.58 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=53.2°+53.2° | G=0.0° | Max non a G |
|------|-------|---------|---------|-------------------|--------|-------------|
| 1.00 | 2.67  | 167     | 58      |                   |        |             |
| 2.00 | 5.35  | 42      | 15      |                   |        |             |
| 3.00 | 8.02  | 19      | 6       |                   |        |             |
| 4.00 | 10.69 | 10      | 4       |                   |        |             |
| 5.00 | 13.36 | 7       | 2       |                   |        |             |