

## Luminaire

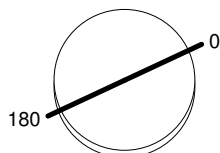
Code 1817010A  
Name EMPATIA 26 LED T - tavolo

## Measur.

Code FTS1400352  
Name EMPATIA 26 LED T - tavolo

|                                                                                                   |                 |                 |               |                             |                 |                              |                 |
|---------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|-----------------|------------------------------|-----------------|
| Luminaire Flux                                                                                    | 709.72 lm       | Luminaire Power | 20.00 W       | Efficacy                    | 35.49 lm/W      | Efficiency                   | 100.00%         |
| Lamps Flux                                                                                        | 709.72 lm       | Maximum value   | 523.29 cd/klm | Position                    | C=0.00 G=173.00 | CG                           | Rotosymmetrical |
| Round Luminaire                                                                                   |                 | Diam.           | 260 mm        | Height                      | 275 mm          |                              |                 |
| Round Luminous Area                                                                               |                 | Diam.           | 260 mm        | Height                      | 235 mm          |                              |                 |
| Horizontal Luminous Area                                                                          |                 | 0.053093 m2     |               | Emitting area on Plane 180° |                 | 0.061100 m2                  |                 |
| Emitting area on Plane 0°                                                                         |                 | 0.061100 m2     |               | Emitting area on Plane 270° |                 | 0.061100 m2                  |                 |
| Emitting area on Plane 90°                                                                        |                 | 0.061100 m2     |               | Glare area at 76°           |                 | 0.072129 m2                  |                 |
| Coordinate system                                                                                 |                 | CG              |               | Symmetry Type               |                 | Rotosymmetrical              |                 |
| Date                                                                                              |                 | 26-01-2000      |               | Maximum Gamma Angle         |                 | 180                          |                 |
| Measurement Distance                                                                              |                 | 0.00            |               | Measurement Flux            |                 | 709.72 lm                    |                 |
| LED Flux=1433,78lm LED Power=14W Eff=50% EfcLed=102lm/W EfcLum=35lm/W Ra=90 SDCM=2 L70(6K)=36300h |                 |                 |               |                             |                 |                              |                 |
| C.I.E.                                                                                            | 29 60 82 20 100 |                 |               | D DIN 5040                  |                 | D13                          |                 |
| F UTE                                                                                             | 0.20 H + 0.80 T |                 |               | B NBN                       |                 | BZ 7 / 2.5 / BZ 6 / 3 / BZ 7 |                 |

Diam=260mm



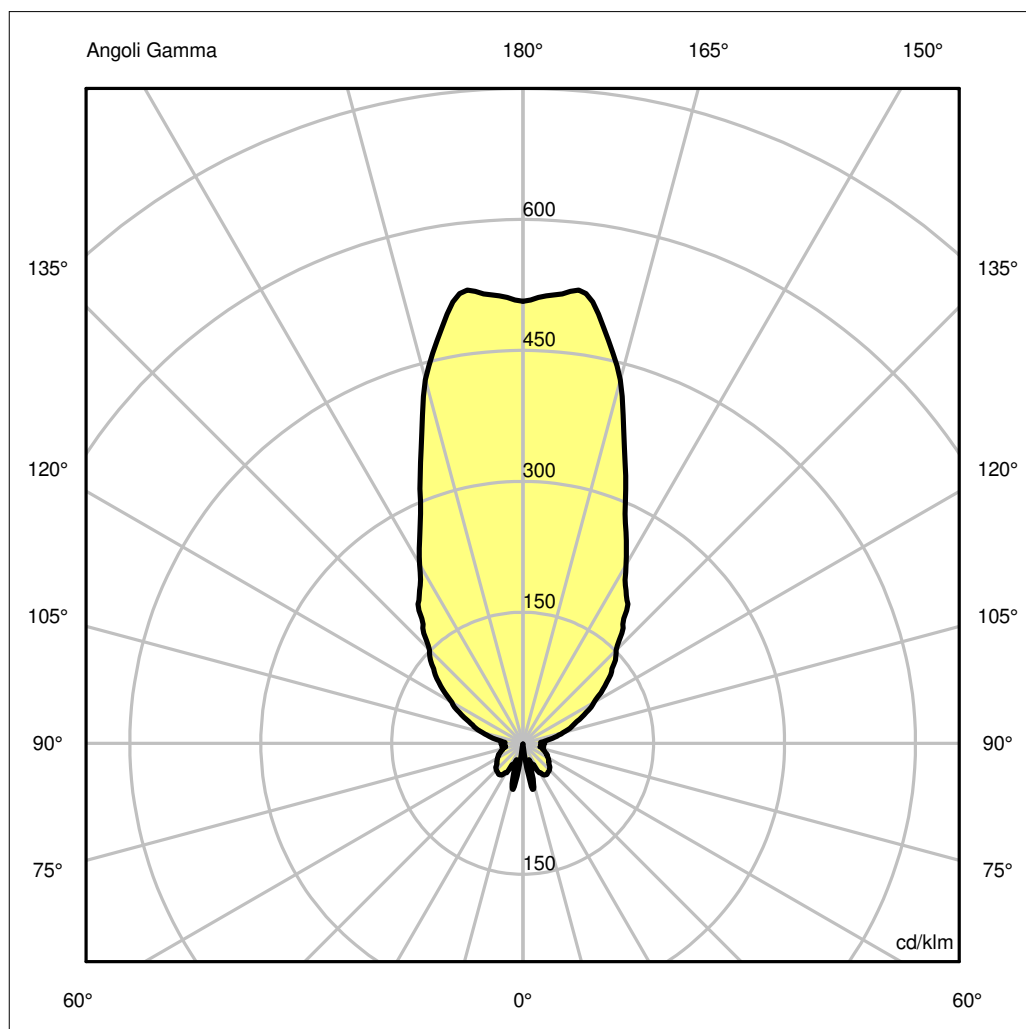
Semipiani C

180.0 ——— 0.0

ULOR 80.23 %

DLOR 19.77 %

RN 80.23 %



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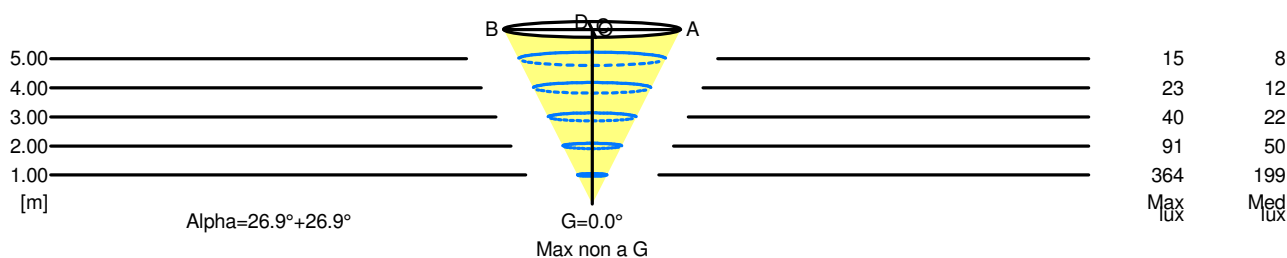
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|                                                                                                   |                 |                 |               |                             |                              |                 |                 |
|---------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|------------------------------|-----------------|-----------------|
| Luminaire Flux                                                                                    | 709.72 lm       | Luminaire Power | 20.00 W       | Efficacy                    | 35.49 lm/W                   | Efficiency      | 100.00%         |
| Lamps Flux                                                                                        | 709.72 lm       | Maximum value   | 523.29 cd/klm | Position                    | C=0.00 G=173.00              | CG              | Rotosymmetrical |
| Round Luminaire                                                                                   |                 | Diam.           | 260 mm        | Height                      | 275 mm                       |                 |                 |
| Round Luminous Area                                                                               |                 | Diam.           | 260 mm        | Height                      | 235 mm                       |                 |                 |
| Horizontal Luminous Area                                                                          |                 | 0.053093 m2     |               | Emitting area on Plane 180° |                              | 0.061100 m2     |                 |
| Emitting area on Plane 0°                                                                         |                 | 0.061100 m2     |               | Emitting area on Plane 270° |                              | 0.061100 m2     |                 |
| Emitting area on Plane 90°                                                                        |                 | 0.061100 m2     |               | Glare area at 76°           |                              | 0.072129 m2     |                 |
| Coordinate system                                                                                 |                 | CG              |               | Symmetry Type               |                              | Rotosymmetrical |                 |
| Date                                                                                              |                 | 26-01-2000      |               | Maximum Gamma Angle         |                              | 180             |                 |
| Measurement Distance                                                                              |                 | 0.00            |               | Measurement Flux            |                              | 709.72 lm       |                 |
| LED Flux=1433,78lm LED Power=14W Eff=50% EfcLed=102lm/W EfcLum=35lm/W Ra=90 SDCM=2 L70(6K)=36300h |                 |                 |               |                             |                              |                 |                 |
| C.I.E.                                                                                            | 29 60 82 20 100 |                 |               | D DIN 5040                  | D13                          |                 |                 |
| F UTE                                                                                             | 0.20 H + 0.80 T |                 |               | B NBN                       | BZ 7 / 2.5 / BZ 6 / 3 / BZ 7 |                 |                 |

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   | 0.51 | 1.01 | 1.52 | 2.03 | 2.54 | OC   | 0.51 | 1.01 | 1.52 | 2.03 | 2.54 |
| OB   | 0.51 | 1.01 | 1.52 | 2.03 | 2.54 | OD   | 0.51 | 1.01 | 1.52 | 2.03 | 2.54 |

|    |                                |        |        |        |        |        |       |       |       |       |
|----|--------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |       |       |       |       |
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55    | 65    | 75    | 85    |
| OA | 359.41                         | 366.91 | 306.11 | 197.51 | 146.90 | 107.26 | 81.40 | 54.98 | 34.04 | 16.46 |
| OB | 359.41                         | 366.91 | 306.11 | 197.51 | 146.90 | 107.26 | 81.40 | 54.98 | 34.04 | 16.46 |
| OC | 359.41                         | 366.91 | 306.11 | 197.51 | 146.90 | 107.26 | 81.40 | 54.98 | 34.04 | 16.46 |
| OD | 359.41                         | 366.91 | 306.11 | 197.51 | 146.90 | 107.26 | 81.40 | 54.98 | 34.04 | 16.46 |



|      |      |         |         |                   |                      |
|------|------|---------|---------|-------------------|----------------------|
| 5.00 | 5.07 | 15      | 8       |                   |                      |
| 4.00 | 4.06 | 23      | 12      |                   |                      |
| 3.00 | 3.04 | 40      | 22      |                   |                      |
| 2.00 | 2.03 | 91      | 50      |                   |                      |
| 1.00 | 1.01 | 364     | 199     |                   |                      |
| H[m] | D[m] | Max lux | Med lux | Alpha=26.9°+26.9° | Max non a G<br>G=0.0 |