

Luminaire

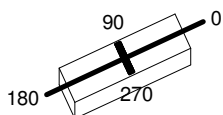
Code T082400
Name CHILONE PARETE 16W 3000K grigio bianco

Measurement

Code FDS0000907
Name CHILONE PARETE 16W 3000K grigio bianco

| | | | | | | | |
|--|-------------|-----------------|---------------|-----------------------------|------------------|--------------------|--------------------|
| Luminaire Flux | 515.06 lm | Luminaire Power | 16.00 W | Efficacy | 32.19 lm/W | Efficiency | 100.00% |
| Lamps Flux | 515.06 lm | Maximum value | 660.92 cd/klm | Position | C=55.00 G=179.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 50 mm | Width | 170 mm | Height | 200 mm |
| Rectangular Luminous Area | | Length | 50 mm | Width | 170 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.008500 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° | | 0.002056 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 16-12-2013 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 515.06 lm | |
| Imax=660 cd/Klm - LED Flux=660 lm - LED Power=14.0 W - Eff=78 % - EfcLED=47 lm/W - EfcLum=32 lm/W Ra=80 Typ - SDCM=7 - Life=L70(10K)>35,500 ore | | | | | | | |
| C.I.E. | 0 0 0 0 100 | | | D DIN 5040 | -- | | |
| F UTE | 1.00 T | | | B NBN | -- | | |

50mm x 170mm



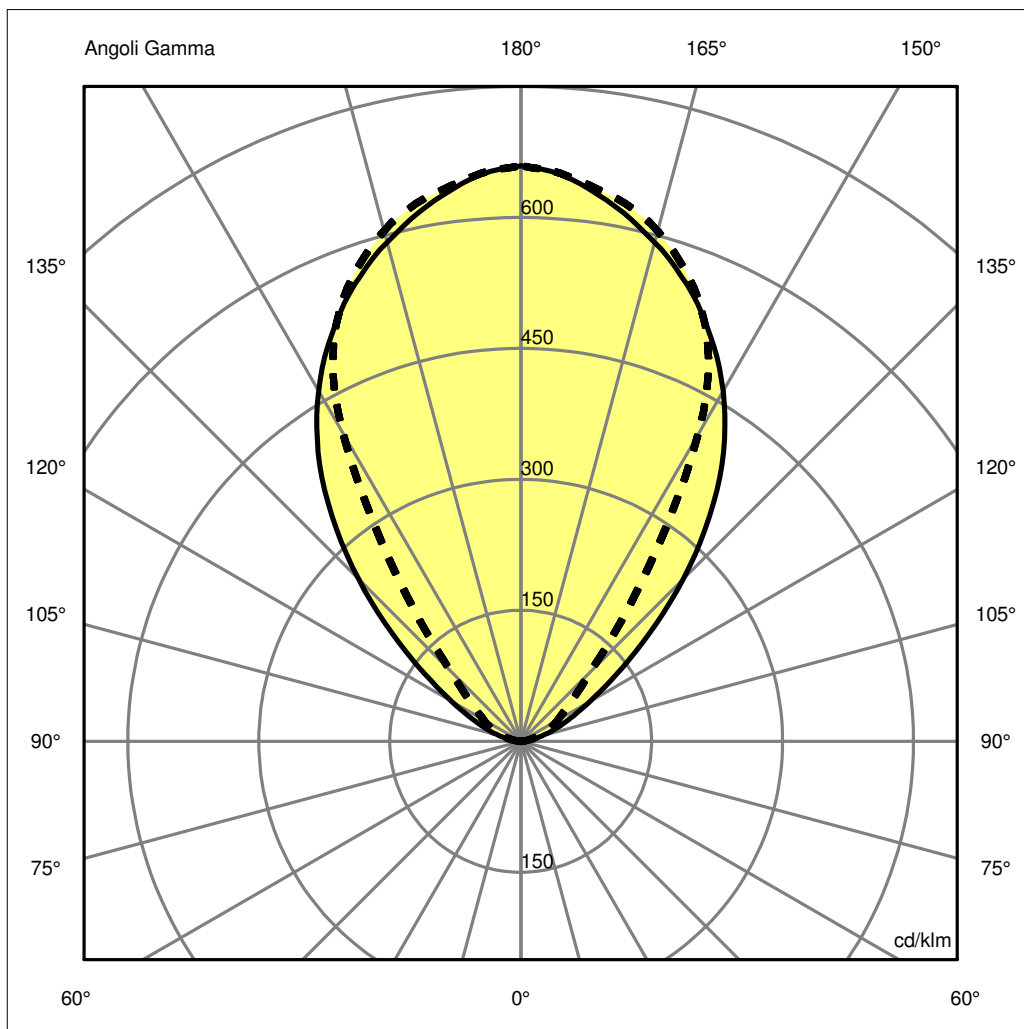
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR100.00 %

DLOR 0.00 %

RN100.00 %



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Measurerm.

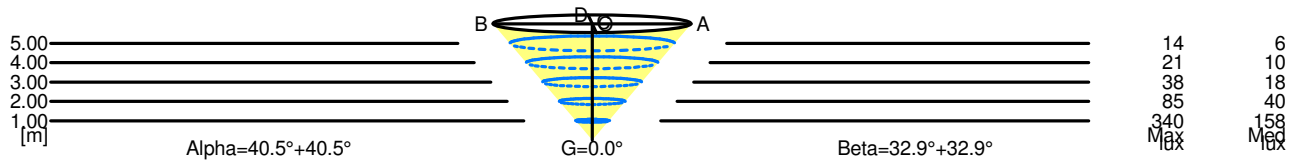
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| C.I.E. | 0 0 0 0 100 | | | D DIN 5040 | -- | | |
| F UTE | 1.00 T | | | B NBN | -- | | |

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 | 0.85 | 1.71 | 2.56 | 3.41 | 4.26 | OC | 0.65 | 1.29 | 1.94 | 2.58 | 3.23 |
| OB | 0.85 | 1.71 | 2.56 | 3.41 | 4.26 | OD | 0.65 | 1.29 | 1.94 | 2.58 | 3.23 |

| | | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 339.65 | 333.22 | 304.82 | 264.32 | 208.50 | 135.39 | 68.85 | 32.14 | 13.43 | 2.14 |
| OB | 339.65 | 333.22 | 304.82 | 264.32 | 208.50 | 135.39 | 68.85 | 32.14 | 13.43 | 2.14 |
| OC | 339.65 | 334.03 | 311.63 | 260.75 | 142.76 | 58.93 | 32.07 | 19.89 | 9.24 | 1.38 |
| OD | 339.65 | 334.03 | 311.63 | 260.75 | 142.76 | 58.93 | 32.07 | 19.89 | 9.24 | 1.38 |



| | | | | |
|------|------|---------|---------|-------------------|
| 5.00 | 8.53 | 14 | 6 | |
| 4.00 | 6.82 | 21 | 10 | |
| 3.00 | 5.12 | 38 | 18 | |
| 2.00 | 3.41 | 85 | 40 | |
| 1.00 | 1.71 | 340 | 158 | |
| H[m] | D[m] | Max lux | Med lux | Alpha=40.5°+40.5° |

| | | | | |
|------|------|---------|---------|------------------|
| 5.00 | 6.46 | 14 | 6 | |
| 4.00 | 5.17 | 21 | 10 | |
| 3.00 | 3.88 | 38 | 18 | |
| 2.00 | 2.58 | 85 | 40 | |
| 1.00 | 1.29 | 340 | 158 | |
| H[m] | D[m] | Max lux | Med lux | Beta=32.9°+32.9° |

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UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|----------------|-----------------|-----|-----|-----|-----|---------------|-----|-----|-----|-----|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | ViewedCrosswise | | | | | ViewedEndwise | | | | |
| x=2H y=2H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=2H y=3H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=2H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=2H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=2H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=2H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=2H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=3H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=4H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=8H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=8H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=8H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=8H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=12H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=12H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |
| x=12H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 | < 0 |