

## Luminaire

Code AF48154  
Name SHARP SMD.8X 22W 940 WW DIM BCO/NRO

## Measurem.

Code FTS1903514  
Name SHARP SMD.8X 22W 940 WW DIM BCO/NRO

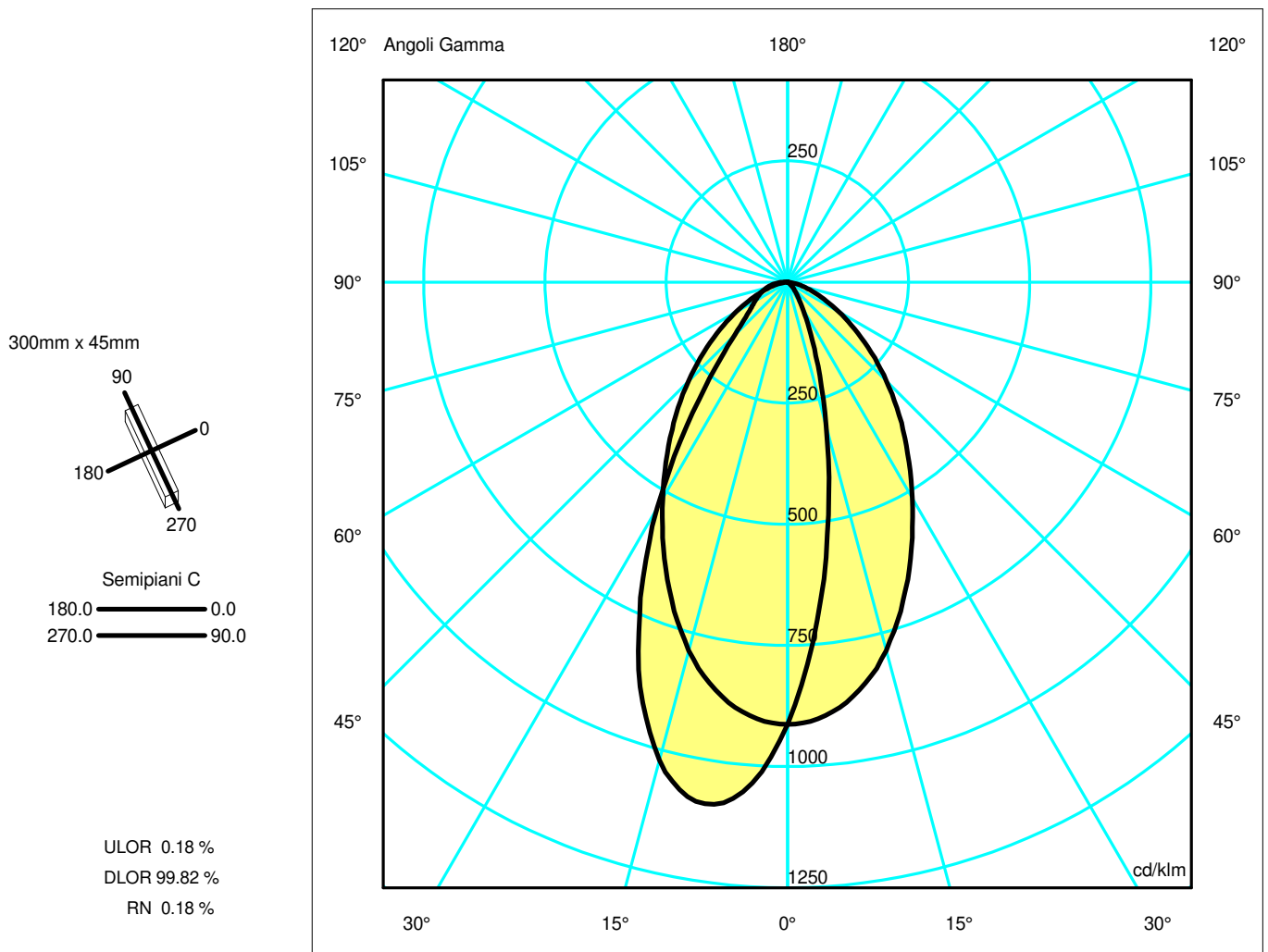
|                            |            |                 |                |                             |                 |                      |                      |
|----------------------------|------------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
| Luminaire Flux             | 1405.04 lm | Luminaire Power | 24.00 W        | Efficacy                    | 58.54 lm/W      | Efficiency           | 100.00%              |
| Lamps Flux                 | 1405.04 lm | Maximum value   | 1103.17 cd/klm | Position                    | C=175.00 G=9.00 | CG                   | Sym. on planes 0-180 |
| Rectangular Luminaire      |            | Length          | 300 mm         | Width                       | 45 mm           | Height               | 85 mm                |
| Rectangular Luminous Area  |            | Length          | 290 mm         | Width                       | 32 mm           | Height               | 0 mm                 |
| Horizontal Luminous Area   |            | 0.009280 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°           |                 | 0.002245 m2          |                      |
| Coordinate system          |            | CG              |                | Symmetry Type               |                 | Sym. on planes 0-180 |                      |
| Date                       |            | 29-10-2019      |                | Maximum Gamma Angle         |                 | 180                  |                      |
| Measurement Distance       |            | 0.00            |                | Measurement Flux            |                 | 1405.04 lm           |                      |

LED Flux=2339.4lm LED Power=22W Eff=60% EfcLed=106lm/W EfcLum=59lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=118000h

C.I.E. 73 92 98 100 100  
F UTE 1.00 B

D DIN 5040  
B NBN

A60  
BZ 1 / 1 / BZ 2



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Name SHARP SMD.8X 22W 940 WW DIM BCO/NRO

## Measurment.

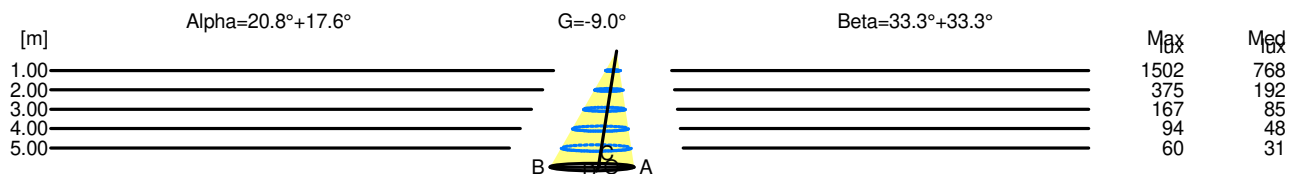
Code FTS1903514  
Name SHARP SMD.8X 22W 940 WW DIM BCO/NRO

|   |                  |                 |                |                             |                 |                         |         |
|---|------------------|-----------------|----------------|-----------------------------|-----------------|-------------------------|---------|
| Luminaire Flux  | 1405.04 lm       | Luminaire Power | 24.00 W        | Efficacy                    | 58.54 lm/W      | Efficiency              | 100.00% |
| Lamps Flux  | 1405.04 lm       | Maximum value   | 1103.17 cd/klm | Position                    | C=175.00 G=9.00 | CG Sym. on planes 0-180 |         |
| Rectangular Luminaire   |                  | Length          | 300 mm         | Width                       | 45 mm           | Height                  | 85 mm   |
| Rectangular Luminous Area   |                  | Length          | 290 mm         | Width                       | 32 mm           | Height                  | 0 mm    |
| Horizontal Luminous Area  |                  | 0.009280 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°           |                 | 0.002245 m2             |         |
| Coordinate system   |                  | CG              |                | Symmetry Type               |                 | Sym. on planes 0-180    |         |
| Date  |                  | 29-10-2019      |                | Maximum Gamma Angle         |                 | 180                     |         |
| Measurement Distance  |                  | 0.00            |                | Measurement Flux            |                 | 1405.04 lm              |         |
| LED Flux=2339.4lm LED Power=22W Eff=60% EfcLed=106lm/W EfcLum=59lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=118000h |                  |                 |                |                             |                 |                         |         |
| C.I.E.  | 73 92 98 100 100 |                 |                | D DIN 5040                  | A60             |                         |         |
| F UTE   | 1.00 B           |                 |                | B NBN                       | BZ 1 / 1 / 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   | 0.31 | 0.62 | 0.93 | 1.24 | 1.55 | OC   | 0.67 | 1.33 | 2.00 | 2.66 | 3.33 |
| OB   | 0.41 | 0.83 | 1.24 | 1.66 | 2.07 | OD   | 0.67 | 1.33 | 2.00 | 2.66 | 3.33 |

|    |                                |         |         |         |        |        |        |        |       |       |
|----|--------------------------------|---------|---------|---------|--------|--------|--------|--------|-------|-------|
|    | Luminous Intensities [ cd/klm] |         |         |         |        |        |        |        |       |       |
|    | 0                              | 5       | 15      | 25      | 35     | 45     | 55     | 65     | 75    | 85    |
| OA | 1282.69                        | 984.22  | 431.57  | 149.15  | 53.06  | 21.80  | 4.38   | 1.37   | 1.28  | 0.92  |
| OB | 1282.69                        | 1483.72 | 1433.91 | 1009.54 | 507.84 | 214.09 | 126.76 | 91.62  | 61.98 | 29.94 |
| OC | 1282.69                        | 1261.42 | 1105.88 | 849.75  | 607.38 | 404.87 | 238.11 | 116.73 | 43.75 | 4.05  |
| OD | 1282.69                        | 1261.42 | 1105.88 | 849.75  | 607.38 | 404.87 | 238.11 | 116.73 | 43.75 | 4.05  |



|      |      |         |         |                   |        |  |
|------|------|---------|---------|-------------------|--------|--|
| H[m] | D[m] | Max lux | Med lux | Alpha=20.8°+17.6° | G=-9.0 |  |
| 1.00 | 0.72 | 1502    | 768     |                   |        |  |
| 2.00 | 1.45 | 375     | 192     |                   |        |  |
| 3.00 | 2.17 | 167     | 85      |                   |        |  |
| 4.00 | 2.90 | 94      | 48      |                   |        |  |
| 5.00 | 3.62 | 60      | 31      |                   |        |  |

|      |      |         |         |                  |       |  |
|------|------|---------|---------|------------------|-------|--|
| H[m] | D[m] | Max lux | Med lux | Beta=33.3°+33.3° | G=0.0 |  |
| 1.00 | 1.33 | 1502    | 768     |                  |       |  |
| 2.00 | 2.66 | 375     | 192     |                  |       |  |
| 3.00 | 3.99 | 167     | 85      |                  |       |  |
| 4.00 | 5.32 | 94      | 48      |                  |       |  |
| 5.00 | 6.65 | 60      | 31      |                  |       |  |