

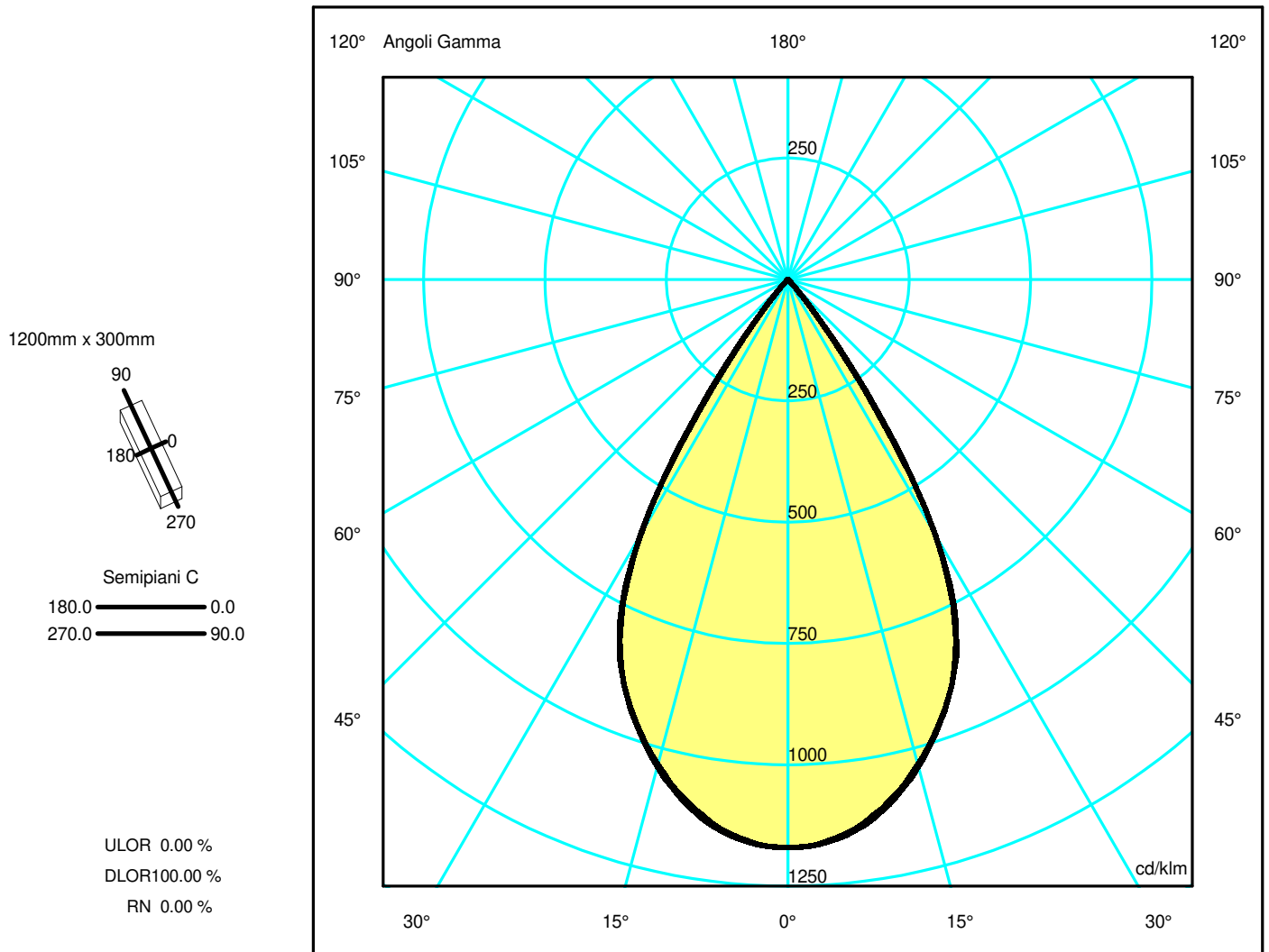
## Luminaire

Code CD111101+BZ05904  
 Name A.39 SHARP REFR SMD 4K 1200X300 DALI BCO + A.39 S\IC SHARP REFR KIT LOUVRES 1184 NRO

## Measurement

Code FTS2200020-A  
 Name A.39 SHARP REFR SMD 4K 1200X300 DALI BCO + A.39 S\IC SHARP REFR KIT LOUVRES 1184 NRO

|   |         |                 |                |                             |                    |            |                    |
|---|---------|-----------------|----------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux  | 4721 lm | Luminaire Power | 35.0 W         | Efficacy                    | 134.886 lm/W       | Efficiency | 100.00%            |
| Source Flux   | 4721 lm | Maximum value   | 1170.52 cd/klm | Position                    | C=5.00 G=1.00      | CG         | Double Symmetrical |
| Rectangular Luminaire   |         | Length          | 1200 mm        | Width                       | 300 mm             | Height     | 30 mm              |
| Rectangular Luminous Area   |         | Length          | 560 mm         | Width                       | 70 mm              | Height     | 0 mm               |
| Horizontal Luminous Area  |         | 0.039200 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°           | 0.009483 m2        |            |                    |
| Coordinate system   |         | CG              |                | Symmetry Type               | Double Symmetrical |            |                    |
| Date  |         | 08-11-2023      |                | Maximum Gamma Angle         | 180                |            |                    |
| Measurement Distance  |         | 0.00            |                | Measurement Flux            | 4721 lm            |            |                    |
| LED Flux=5867lm LED Power=31W Eff=80% EfcLed=188lm/W EfcLum=135lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |         |                 |                |                             |                    |            |                    |
| C.I.E.  | 98      | 100             | 100            | 100                         | D DIN 5040         | A60        |                    |
| F UTE   | --      |                 |                |                             | B NBN              | BZ 1       |                    |



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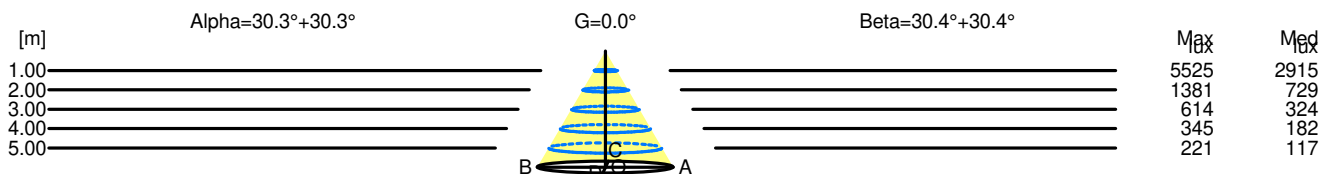
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| Source Flux   | 4721 lm | Maximum value   | 1170.52 cd/klm | Position                    | C=5.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |         | Length          | 1200 mm        | Width                       | 300 mm        | Height             | 30 mm              |
| Rectangular Luminous Area   |         | Length          | 560 mm         | Width                       | 70 mm         | Height             | 0 mm               |
| Horizontal Luminous Area  |         |                 | 0.039200 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°           |               |                    | 0.009483 m2        |
| Coordinate system   |         | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date  |         | 08-11-2023      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |         | 0.00            |                | Measurement Flux            |               | 4721 lm            |                    |
| LED Flux=5867lm LED Power=31W Eff=80% EfcLed=188lm/W EfcLum=135lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |         |                 |                |                             |               |                    |                    |
| C.I.E.  | 98      | 100             | 100            | 100                         |               | D DIN 5040         | A60                |
| F UTE   | --      |                 |                |                             |               | B NBN              | BZ 1               |

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   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OC   | 0.59 | 1.17 | 1.76 | 2.35 | 2.93 |
| OB   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OD   | 0.59 | 1.17 | 1.76 | 2.35 | 2.93 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |         |       |      |      |      |      |
|----|---------------------------------|---------|---------|---------|---------|-------|------|------|------|------|
|    | 0                               | 5       | 15      | 25      | 35      | 45    | 55   | 65   | 75   | 85   |
| OA | 5525.33                         | 5449.28 | 4884.81 | 3878.04 | 1250.20 | 39.23 | 7.99 | 1.82 | 1.21 | 0.95 |
| OB | 5525.33                         | 5449.28 | 4884.81 | 3878.04 | 1250.20 | 39.23 | 7.99 | 1.82 | 1.21 | 0.95 |
| OC | 5525.33                         | 5462.97 | 4904.04 | 3865.07 | 1325.07 | 41.41 | 8.97 | 1.98 | 1.27 | 1.00 |
| OD | 5525.33                         | 5462.97 | 4904.04 | 3865.07 | 1325.07 | 41.41 | 8.97 | 1.98 | 1.27 | 1.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.3°+30.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.17 | 5525    | 2915    |                   |       |
| 2.00 | 2.34 | 1381    | 729     |                   |       |
| 3.00 | 3.51 | 614     | 324     |                   |       |
| 4.00 | 4.68 | 345     | 182     |                   |       |
| 5.00 | 5.85 | 221     | 117     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.17 | 5525    | 2915    |                  |       |
| 2.00 | 2.35 | 1381    | 729     |                  |       |
| 3.00 | 3.52 | 614     | 324     |                  |       |
| 4.00 | 4.69 | 345     | 182     |                  |       |
| 5.00 | 5.86 | 221     | 117     |                  |       |