

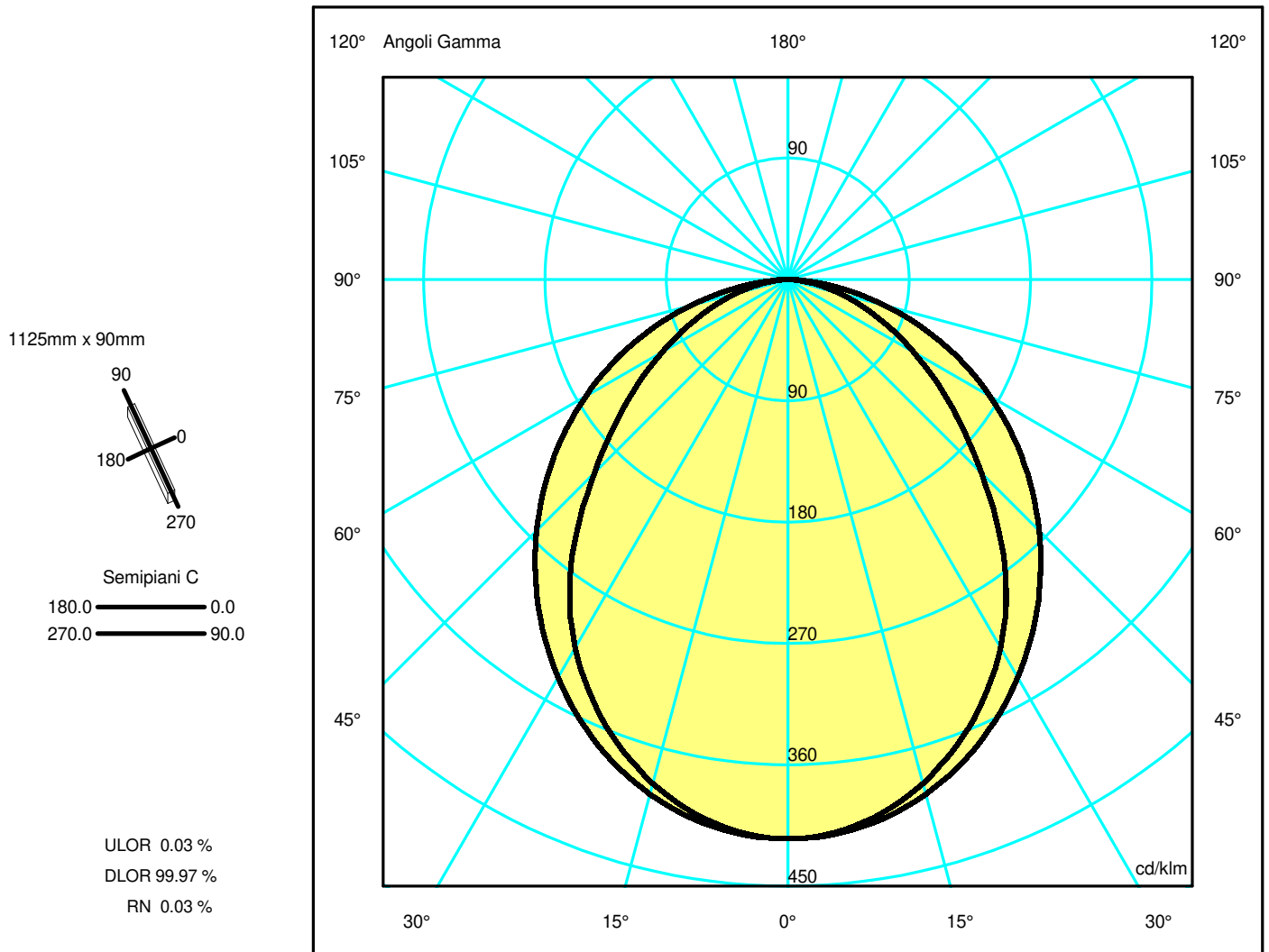
## Luminaire

Code AY00504  
Name SERIES Y-MOD.1200MM DIR.DIFF. 940 NRO

## Measurement

Code FTS1802380-A  
Name SERIES Y-MOD.1200MM DIR.DIFF. 940 NRO

|   |                  |                         |               |                             |                |                         |                    |
|---|------------------|-------------------------|---------------|-----------------------------|----------------|-------------------------|--------------------|
| Luminaire Flux  | 3643 lm          | Luminaire Power         | 35.0 W        | Efficacy                    | 104.073 lm/W   | Efficiency              | 100.00%            |
| Source Flux   | 3643 lm          | Maximum value           | 414.79 cd/klm | Position                    | C=30.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire   |                  | Length                  | 1125 mm       | Width                       | 90 mm          | Height                  | 90 mm              |
| Rectangular Luminous Area   |                  | Length                  | 1120 mm       | Width                       | 75 mm          | Height                  | 0 mm               |
| Horizontal Luminous Area  |                  | 0.084000 m <sup>2</sup> |               | Emitting area on Plane 180° |                | 0.000000 m <sup>2</sup> |                    |
| Emitting area on Plane 0°   |                  | 0.000000 m <sup>2</sup> |               | Emitting area on Plane 270° |                | 0.000000 m <sup>2</sup> |                    |
| Emitting area on Plane 90°  |                  | 0.000000 m <sup>2</sup> |               | Glare area at 76°           |                | 0.020321 m <sup>2</sup> |                    |
| Coordinate system   |                  | CG                      |               | Symmetry Type               |                | Double Symmetrical      |                    |
| Date  |                  | 28-02-2022              |               | Maximum Gamma Angle         |                | 180                     |                    |
| Measurement Distance  |                  | 0.00                    |               | Measurement Flux            |                | 3643 lm                 |                    |
| LED Flux=5178lm LED Power=30W Eff=70% EfcLed=174lm/W EfcLum=104lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                  |                         |               |                             |                |                         |                    |
| C.I.E.  | 52 83 97 100 100 |                         |               | D DIN 5040                  | A40            |                         |                    |
| F UTE   | 1.00 D           |                         |               | B NBN                       | BZ 4           |                         |                    |



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## Measurerm.

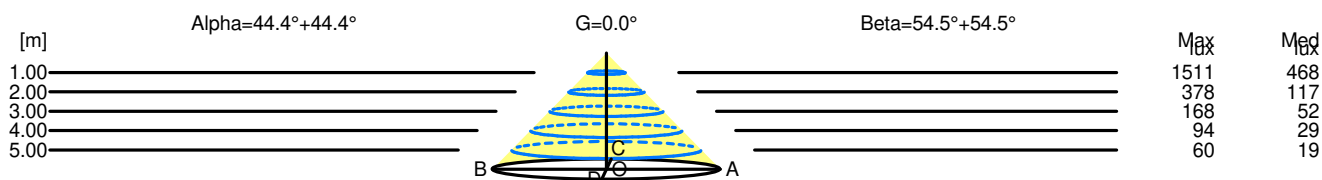
Code FTS1802380-A  
Name SERIES Y-MOD.1200MM DIR.DIFF. 940 NRO

|   |                  |                 |               |                             |                |                    |                    |
|---|------------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux  | 3643 lm          | Luminaire Power | 35.0 W        | Efficacy                    | 104.073 lm/W   | Efficiency         | 100.00%            |
| Source Flux   | 3643 lm          | Maximum value   | 414.79 cd/klm | Position                    | C=30.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                  | Length          | 1125 mm       | Width                       | 90 mm          | Height             | 90 mm              |
| Rectangular Luminous Area   |                  | Length          | 1120 mm       | Width                       | 75 mm          | Height             | 0 mm               |
| Horizontal Luminous Area  |                  | 0.084000 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°           |                | 0.020321 m2        |                    |
| Coordinate system   |                  | CG              |               | Symmetry Type               |                | Double Symmetrical |                    |
| Date  |                  | 28-02-2022      |               | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |                | 3643 lm            |                    |
| LED Flux=5178lm LED Power=30W Eff=70% EfcLed=174lm/W EfcLum=104lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                  |                 |               |                             |                |                    |                    |
| C.I.E.  | 52 83 97 100 100 |                 |               | D DIN 5040                  | A40            |                    |                    |
| F UTE   | 1.00 D           |                 |               | B NBN                       | BZ 4           |                    |                    |

### 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   | 0.98 | 1.96 | 2.94 | 3.92 | 4.90 | OC   | 1.40 | 2.81 | 4.21 | 5.61 | 7.01 |
| OB   | 0.98 | 1.96 | 2.94 | 3.92 | 4.90 | OD   | 1.40 | 2.81 | 4.21 | 5.61 | 7.01 |

|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |        |        |        |       |
|----|--------------------------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55     | 65     | 75     | 85    |
| OA | 1510.82                        | 1498.82 | 1409.75 | 1249.88 | 1027.32 | 739.37 | 497.32 | 300.00 | 145.60 | 27.98 |
| OB | 1510.82                        | 1498.82 | 1409.75 | 1249.88 | 1027.32 | 739.37 | 497.32 | 300.00 | 145.60 | 27.98 |
| OC | 1510.82                        | 1503.11 | 1440.16 | 1319.57 | 1155.57 | 960.58 | 744.69 | 513.51 | 273.16 | 63.40 |
| OD | 1510.82                        | 1503.11 | 1440.16 | 1319.57 | 1155.57 | 960.58 | 744.69 | 513.51 | 273.16 | 63.40 |



| H[m] | D[m] | Max lux | Med lux | Alpha=44.4°+44.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.96 | 1511    | 468     |                   |       |
| 2.00 | 3.92 | 378     | 117     |                   |       |
| 3.00 | 5.88 | 168     | 52      |                   |       |
| 4.00 | 7.84 | 94      | 29      |                   |       |
| 5.00 | 9.80 | 60      | 19      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=54.5°+54.5° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.81  | 1511    | 468     |                  |       |
| 2.00 | 5.61  | 378     | 117     |                  |       |
| 3.00 | 8.42  | 168     | 52      |                  |       |
| 4.00 | 11.22 | 94      | 29      |                  |       |
| 5.00 | 14.03 | 60      | 19      |                  |       |