

**Luminaire**

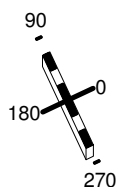
Code AY05004  
Name SERIES Y-MOD.1200MM DIFF+IND 930 NRO

**Measurem.**

Code FTS1802390  
Name SERIES Y-MOD.1200MM DIFF+IND 930 NRO

|                                                                                                          |                 |                 |               |                             |                |                       |         |
|----------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|----------------|-----------------------|---------|
| Luminaire Flux                                                                                           | 4742.00 lm      | Luminaire Power | 55.00 W       | Efficacy                    | 86.22 lm/W     | Efficiency            | 100.00% |
| Lamps Flux                                                                                               | 4742.00 lm      | Maximum value   | 257.19 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                                                                                                     |                 | 19-11-2018      |               | Maximum Gamma Angle         |                | 180                   |         |
| Measurement Distance                                                                                     |                 | 0.00            |               | Measurement Flux            |                | 4742.00 lm            |         |
| LED Flux=6270lm LED Power=48W Eff=76% EfcLed=131lm/W EfcLum=86lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |                |                       |         |
| C.I.E.                                                                                                   | 52 83 97 62 100 |                 |               | D DIN 5040                  | B41            |                       |         |
| F UTE                                                                                                    | 0.62 D + 0.38 T |                 |               | B NBN                       | BZ 4           |                       |         |

1125mm x 90mm



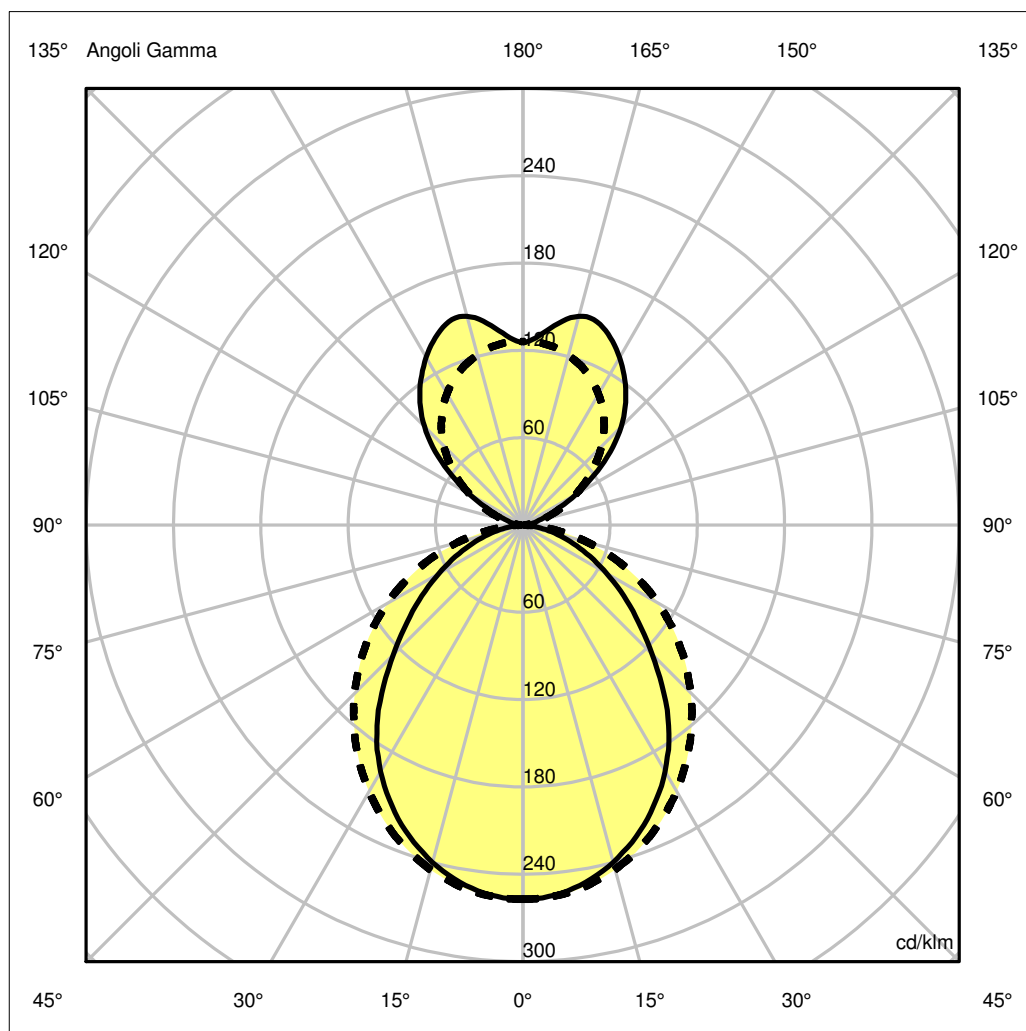
Semipiani C

180.0 ——— 0.0  
270.0 - - - - 90.0

ULOR 38.01 %

DLOR 61.99 %

RN 38.01 %



## Luminaire

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Name SERIES Y-MOD.1200MM DIFF+IND 930 NRO

## Measur.

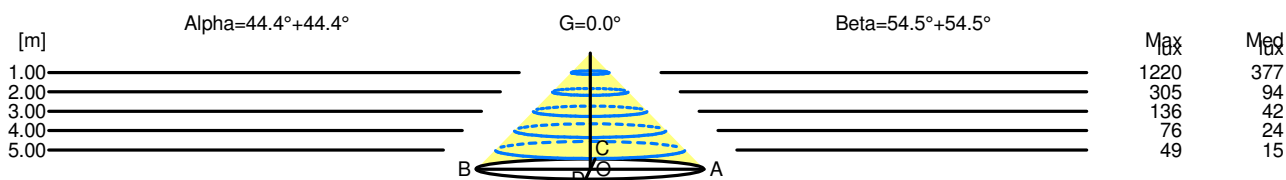
Code FTS1802390  
Name SERIES Y-MOD.1200MM DIFF+IND 930 NRO

|                                                                                                          |                 |                 |               |                             |                |                    |                    |
|----------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                           | 4742.00 lm      | Luminaire Power | 55.00 W       | Efficacy                    | 86.22 lm/W     | Efficiency         | 100.00%            |
| Lamps Flux                                                                                               | 4742.00 lm      | Maximum value   | 257.19 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                                                                                                     |                 | 19-11-2018      |               | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance                                                                                     |                 | 0.00            |               | Measurement Flux            |                | 4742.00 lm         |                    |
| LED Flux=6270lm LED Power=48W Eff=76% EfcLed=131lm/W EfcLum=86lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |                |                    |                    |
| C.I.E.                                                                                                   | 52 83 97 62 100 |                 |               | D DIN 5040                  | B41            |                    |                    |
| F UTE                                                                                                    | 0.62 D + 0.38 T |                 |               | 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 | 1219.51                        | 1209.82 | 1137.93 | 1008.88 | 829.23 | 596.81 | 401.43 | 242.16 | 117.52 | 22.74 |
| OB | 1219.51                        | 1209.82 | 1137.93 | 1008.88 | 829.23 | 596.81 | 401.43 | 242.16 | 117.52 | 22.74 |
| OC | 1219.51                        | 1213.29 | 1162.47 | 1065.14 | 932.76 | 775.36 | 601.10 | 414.50 | 220.49 | 51.17 |
| OD | 1219.51                        | 1213.29 | 1162.47 | 1065.14 | 932.76 | 775.36 | 601.10 | 414.50 | 220.49 | 51.17 |



| H[m] | D[m] | Max lux | Med lux | Alpha=44.4°+44.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.96 | 1220    | 377     |                   |       |
| 2.00 | 3.92 | 305     | 94      |                   |       |
| 3.00 | 5.88 | 136     | 42      |                   |       |
| 4.00 | 7.84 | 76      | 24      |                   |       |
| 5.00 | 9.80 | 49      | 15      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=54.5°+54.5° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.81  | 1220    | 377     |                  |       |
| 2.00 | 5.61  | 305     | 94      |                  |       |
| 3.00 | 8.42  | 136     | 42      |                  |       |
| 4.00 | 11.22 | 76      | 24      |                  |       |
| 5.00 | 14.03 | 49      | 15      |                  |       |