

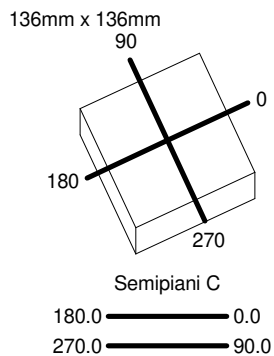
## Luminaire

Code M263625\_30°  
Name EVERY 150 QD TR OR LED 3000 2X13°ME/BI\_30°

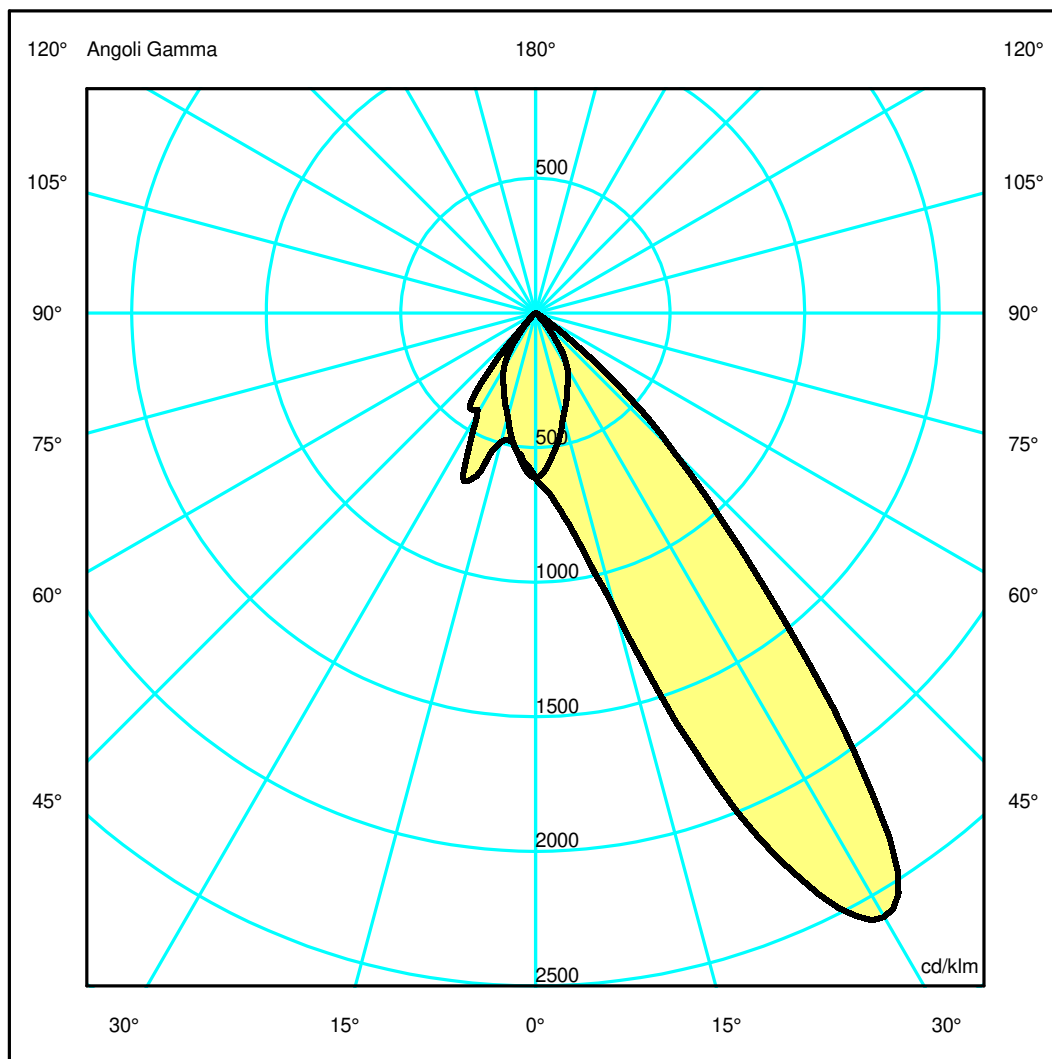
## Measurement

Code FTS2400284.  
Name EVERY 150 QD TR OR LED 3000 2X13°ME/BI\_30°

|   |                    |                 |                |                             |                |                      |                      |
|---|--------------------|-----------------|----------------|-----------------------------|----------------|----------------------|----------------------|
| Luminaire Flux  | 2421 lm            | Luminaire Power | 20.0 W         | Efficacy                    | 121.050 lm/W   | Efficiency           | 100.00%              |
| Source Flux   | 2421 lm            | Maximum value   | 2590.62 cd/klm | Position                    | C=0.00 G=30.00 | CG                   | Sym. on planes 0-180 |
| Rectangular Luminaire   |                    | Length          | 136 mm         | Width                       | 136 mm         | Height               | 138 mm               |
| Rectangular Luminous Area   |                    | Length          | 121 mm         | Width                       | 121 mm         | Height               | 0 mm                 |
| Horizontal Luminous Area  |                    | 0.014641 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°           |                | 0.003542 m2          |                      |
| Coordinate system   |                    | CG              |                | Symmetry Type               |                | Sym. on planes 0-180 |                      |
| Date  |                    | 06-06-2024      |                | Maximum Gamma Angle         |                | 180                  |                      |
| Measurement Distance  |                    | 0.00            |                | Measurement Flux            |                | 2421 lm              |                      |
| LED Flux=3145lm LED Power=20W Eff=77% EfcLed=157lm/W EfcLum=121lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                    |                 |                |                             |                |                      |                      |
| C.I.E.  | 86 100 100 100 100 |                 |                | D DIN 5040                  | A60            |                      |                      |
| F UTE   | 1.00 A             |                 |                | B NBN                       | BZ 1           |                      |                      |



ULOR 0.03 %  
DLOR 99.97 %  
RN 0.03 %



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Name EVERY 150 QD TR OR LED 3000 2X13°ME/BI\_30°

## Measurerm.

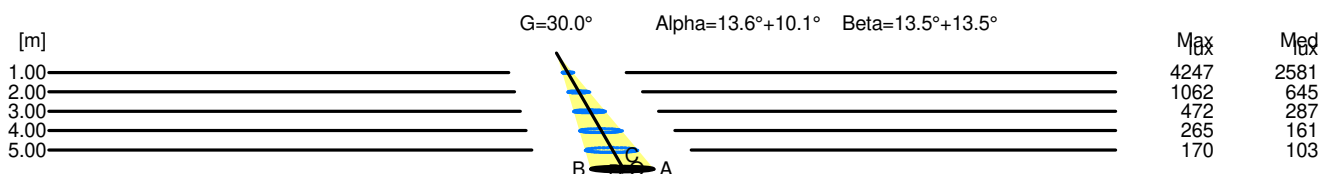
Code FTS2400284.  
Name EVERY 150 QD TR OR LED 3000 2X13°ME/BI\_30°

|   |                    |                 |                |                             |                |                      |                      |
|---|--------------------|-----------------|----------------|-----------------------------|----------------|----------------------|----------------------|
| Luminaire Flux  | 2421 lm            | Luminaire Power | 20.0 W         | Efficacy                    | 121.050 lm/W   | Efficiency           | 100.00%              |
| Source Flux   | 2421 lm            | Maximum value   | 2590.62 cd/klm | Position                    | C=0.00 G=30.00 | CG                   | Sym. on planes 0-180 |
| Rectangular Luminaire   |                    | Length          | 136 mm         | Width                       | 136 mm         | Height               | 138 mm               |
| Rectangular Luminous Area   |                    | Length          | 121 mm         | Width                       | 121 mm         | Height               | 0 mm                 |
| Horizontal Luminous Area  |                    | 0.014641 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°           |                | 0.003542 m2          |                      |
| Coordinate system   |                    | CG              |                | Symmetry Type               |                | Sym. on planes 0-180 |                      |
| Date  |                    | 06-06-2024      |                | Maximum Gamma Angle         |                | 180                  |                      |
| Measurement Distance  |                    | 0.00            |                | Measurement Flux            |                | 2421 lm              |                      |
| LED Flux=3145lm LED Power=20W Eff=77% EfcLed=157lm/W EfcLum=121lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                    |                 |                |                             |                |                      |                      |
| C.I.E.  | 86 100 100 100 100 |                 |                | D DIN 5040                  | A60            |                      |                      |
| F UTE   | 1.00 A             |                 |                | 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   | 0.26 | 0.53 | 0.79 | 1.05 | 1.32 | OC   | 0.28 | 0.55 | 0.83 | 1.11 | 1.39 |
| OB   | 0.28 | 0.56 | 0.85 | 1.13 | 1.41 | OD   | 0.28 | 0.55 | 0.83 | 1.11 | 1.39 |

|    | Luminous Intensities [ cd/klm] |         |         |         |         |         |        |       |      |      |
|----|--------------------------------|---------|---------|---------|---------|---------|--------|-------|------|------|
|    | 0                              | 5       | 15      | 25      | 35      | 45      | 55     | 65    | 75   | 85   |
| OA | 1484.41                        | 1654.67 | 2775.85 | 5592.88 | 5291.84 | 1748.25 | 176.53 | 21.52 | 1.33 | 0.57 |
| OB | 1484.41                        | 1324.29 | 1200.59 | 1490.95 | 1032.45 | 106.40  | 22.37  | 0.00  | 0.00 | 0.00 |
| OC | 1484.41                        | 1358.38 | 964.25  | 687.02  | 389.20  | 63.73   | 10.64  | 1.26  | 1.07 | 1.02 |
| OD | 1484.41                        | 1358.38 | 964.25  | 687.02  | 389.20  | 63.73   | 10.64  | 1.26  | 1.07 | 1.02 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.6°+10.1° | G=30.0 |
|------|------|---------|---------|-------------------|--------|
| 1.00 | 0.55 | 4247    | 2581    |                   |        |
| 2.00 | 1.09 | 1062    | 645     |                   |        |
| 3.00 | 1.64 | 472     | 287     |                   |        |
| 4.00 | 2.18 | 265     | 161     |                   |        |
| 5.00 | 2.73 | 170     | 103     |                   |        |

| H[m] | D[m] | Max lux | Med lux | Beta=13.5°+13.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.55 | 4247    | 2581    |                  |       |
| 2.00 | 1.11 | 1062    | 645     |                  |       |
| 3.00 | 1.66 | 472     | 287     |                  |       |
| 4.00 | 2.22 | 265     | 161     |                  |       |
| 5.00 | 2.77 | 170     | 103     |                  |       |