

## Luminaire

Code AQ65215  
Name A.24 PLF SA360 1500 SHARP FL3000 BSV

## Measurement

Code FTS1901637  
Name A.24 PLF SA360 1500 SHARP FL3000 BSV

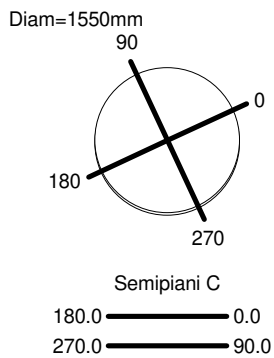
|                            |         |                 |                         |                             |                |                    |                         |
|----------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|--------------------|-------------------------|
| Luminaire Flux             | 6512 lm | Luminaire Power | 83.0 W                  | Efficacy                    | 78.462 lm/W    | Efficiency         | 100.00%                 |
| Source Flux                | 6512 lm | Maximum value   | 2814.46 cd/klm          | Position                    | C=20.00 G=1.00 | CG                 | Double Symmetrical      |
| Round Luminaire            |         | Diam.           | 1550 mm                 | Height                      | 54 mm          |                    |                         |
| Round Luminous Area        |         | Diam.           | 124 mm                  | Height                      | 0 mm           |                    |                         |
| Horizontal Luminous Area   |         |                 | 0.012076 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°           |                |                    | 0.002922 m <sup>2</sup> |
| Coordinate system          |         | CG              |                         | Symmetry Type               |                | Double Symmetrical |                         |
| Date                       |         | 21-11-2018      |                         | Maximum Gamma Angle         |                | 180                |                         |
| Measurement Distance       |         | 0.00            |                         | Measurement Flux            |                | 6512 lm            |                         |

LED Flux=8000.4lm LED Power=76W Eff=81% EfcLed=105lm/W EfcLum=78lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h

C.I.E. 98 100 100 100 100  
F UTE --

D DIN 5040  
B NBN

A60  
BZ 1



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurerm.

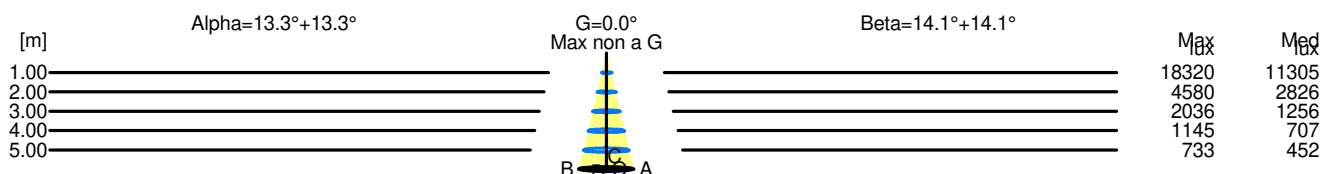
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Name A.24 PLF SA360 1500 SHARP FL3000 BSV

|  |         |                 |                |                             |                |                    |                    |
|--|---------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux   | 6512 lm | Luminaire Power | 83.0 W         | Efficacy                    | 78.462 lm/W    | Efficiency         | 100.00%            |
| Source Flux  | 6512 lm | Maximum value   | 2814.46 cd/klm | Position                    | C=20.00 G=1.00 | CG                 | Double Symmetrical |
| Round Luminaire  |         | Diam.           | 1550 mm        | Height                      | 54 mm          |                    |                    |
| Round Luminous Area  |         | Diam.           | 124 mm         | Height                      | 0 mm           |                    |                    |
| Horizontal Luminous Area   |         | 0.012076 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°           |                | 0.002922 m2        |                    |
| Coordinate system  |         | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date   |         | 21-11-2018      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance   |         | 0.00            |                | Measurement Flux            |                | 6512 lm            |                    |
| LED Flux=8000.4lm LED Power=76W Eff=81% EfcLed=105lm/W EfcLum=78lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h |         |                 |                |                             |                |                    |                    |
| C.I.E.   | 98      | 100             | 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   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OC   | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |
| OB   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OD   | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |

|    | Luminous Intensities [ cd/klm] |          |         |         |         |       |       |      |      |      |
|----|--------------------------------|----------|---------|---------|---------|-------|-------|------|------|------|
|    | 0                              | 5        | 15      | 25      | 35      | 45    | 55    | 65   | 75   | 85   |
| OA | 18131.23                       | 16458.77 | 7624.85 | 3051.68 | 1730.73 | 43.37 | 15.04 | 4.31 | 0.00 | 0.00 |
| OB | 18131.23                       | 16458.77 | 7624.85 | 3051.68 | 1730.73 | 43.37 | 15.04 | 4.31 | 0.00 | 0.00 |
| OC | 18131.23                       | 17133.00 | 8315.84 | 3299.28 | 1709.66 | 63.27 | 17.39 | 4.12 | 0.00 | 0.00 |
| OD | 18131.23                       | 17133.00 | 8315.84 | 3299.28 | 1709.66 | 63.27 | 17.39 | 4.12 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.3°+13.3° | G=0.0<br>Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 0.47 | 18320   | 11305   |                   |                      |
| 2.00 | 0.95 | 4580    | 2826    |                   |                      |
| 3.00 | 1.42 | 2036    | 1256    |                   |                      |
| 4.00 | 1.89 | 1145    | 707     |                   |                      |
| 5.00 | 2.37 | 733     | 452     |                   |                      |

| H[m] | D[m] | Max lux | Med lux | Beta=14.1°+14.1° | G=0.0<br>Max non a G |
|------|------|---------|---------|------------------|----------------------|
| 1.00 | 0.50 | 18320   | 11305   |                  |                      |
| 2.00 | 1.00 | 4580    | 2826    |                  |                      |
| 3.00 | 1.50 | 2036    | 1256    |                  |                      |
| 4.00 | 2.01 | 1145    | 707     |                  |                      |
| 5.00 | 2.51 | 733     | 452     |                  |                      |