

## Luminaire

Code AQ74020APP  
 Name A.24 SOSP SA360 1122 DIFF3000K BBZ APP\*

## Measurement

Code FTS2400001  
 Name A.24 SOSP SA360 1122 DIFF3000K BBZ APP\*

|   |                  |                 |                         |                             |                   |                    |                         |
|---|------------------|-----------------|-------------------------|-----------------------------|-------------------|--------------------|-------------------------|
| Luminaire Flux  | 7101 lm          | Luminaire Power | 88.0 W                  | Efficacy                    | 80.693 lm/W       | Efficiency         | 100.00%                 |
| Source Flux   | 7101 lm          | Maximum value   | 350.39 cd/klm           | Position                    | C=85.00 G=1.00    | CG                 | Double Symmetrical      |
| Round Luminaire   |                  | Diam.           | 1122 mm                 | Height                      | 50 mm             |                    |                         |
| Round Luminous Area   |                  | Diam.           | 304 mm                  | Height                      | 0 mm              |                    |                         |
| Horizontal Luminous Area  |                  |                 | 0.072583 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°           |                   |                    | 0.017560 m <sup>2</sup> |
| Coordinate system   |                  | CG              |                         | Symmetry Type               |                   | Double Symmetrical |                         |
| Date  |                  | 06-12-2023      |                         | Maximum Gamma Angle         |                   | 180                |                         |
| Measurement Distance  |                  | 0.00            |                         | Measurement Flux            |                   | 7101 lm            |                         |
| LED Flux=14928lm LED Power=80W Eff=48% EfcLed=187lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |                  |                 |                         |                             |                   |                    |                         |
| C.I.E.  | 47 79 96 100 100 |                 |                         | D DIN 5040                  | A30               |                    |                         |
| F UTE   | 1.00 E           |                 |                         | B NBN                       | BZ 5 / 1.5 / BZ 4 |                    |                         |



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## Measurement

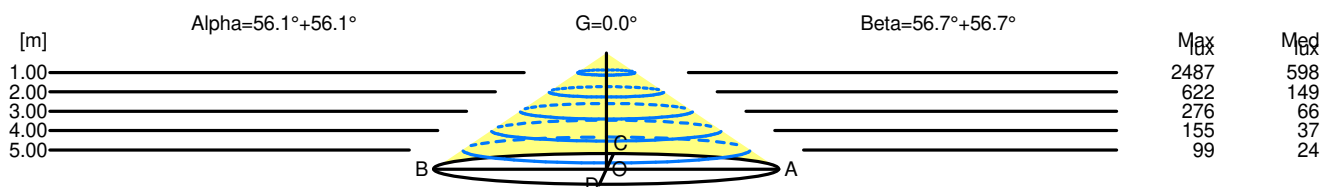
Code FTS2400001  
Name A.24 SOSP SA360 1122 DIFF3000K BBZ APP\*

|   |                  |                 |               |                             |                   |            |                    |
|---|------------------|-----------------|---------------|-----------------------------|-------------------|------------|--------------------|
| Luminaire Flux  | 7101 lm          | Luminaire Power | 88.0 W        | Efficacy                    | 80.693 lm/W       | Efficiency | 100.00%            |
| Source Flux   | 7101 lm          | Maximum value   | 350.39 cd/klm | Position                    | C=85.00 G=1.00    | CG         | Double Symmetrical |
| Round Luminaire   |                  | Diam.           | 1122 mm       | Height                      | 50 mm             |            |                    |
| Round Luminous Area   |                  | Diam.           | 304 mm        | Height                      | 0 mm              |            |                    |
| Horizontal Luminous Area  |                  |                 | 0.072583 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°           |                   |            | 0.017560 m2        |
| Coordinate system   |                  | CG              |               | Symmetry Type               |                   |            | Double Symmetrical |
| Date  |                  | 06-12-2023      |               | Maximum Gamma Angle         |                   |            | 180                |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |                   |            | 7101 lm            |
| LED Flux=14928lm LED Power=80W Eff=48% EfcLed=187lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |                  |                 |               |                             |                   |            |                    |
| C.I.E.  | 47 79 96 100 100 |                 |               | D DIN 5040                  | A30               |            |                    |
| F UTE   | 1.00 E           |                 |               | B NBN                       | BZ 5 / 1.5 / 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   | 1.49 | 2.97 | 4.46 | 5.94 | 7.43 | OC   | 1.52 | 3.04 | 4.57 | 6.09 | 7.61 |
| OB   | 1.49 | 2.97 | 4.46 | 5.94 | 7.43 | OD   | 1.52 | 3.04 | 4.57 | 6.09 | 7.61 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |         |         |         |        |        |        |
|----|---------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
|    | 0                               | 5       | 15      | 25      | 35      | 45      | 55      | 65     | 75     | 85     |
| OA | 2486.69                         | 2474.60 | 2380.03 | 2205.70 | 1955.15 | 1642.38 | 1284.07 | 881.57 | 457.65 | 102.42 |
| OB | 2486.69                         | 2474.60 | 2380.03 | 2205.70 | 1955.15 | 1642.38 | 1284.07 | 881.57 | 457.65 | 102.42 |
| OC | 2486.69                         | 2476.18 | 2390.32 | 2220.02 | 1979.15 | 1669.40 | 1308.35 | 907.14 | 482.60 | 126.12 |
| OD | 2486.69                         | 2476.18 | 2390.32 | 2220.02 | 1979.15 | 1669.40 | 1308.35 | 907.14 | 482.60 | 126.12 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=56.1°+56.1° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.97  | 2487    | 598     |                   |       |
| 2.00 | 5.94  | 622     | 149     |                   |       |
| 3.00 | 8.91  | 276     | 66      |                   |       |
| 4.00 | 11.89 | 155     | 37      |                   |       |
| 5.00 | 14.86 | 99      | 24      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=56.7°+56.7° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.04  | 2487    | 598     |                  |       |
| 2.00 | 6.09  | 622     | 149     |                  |       |
| 3.00 | 9.13  | 276     | 66      |                  |       |
| 4.00 | 12.18 | 155     | 37      |                  |       |
| 5.00 | 15.22 | 99      | 24      |                  |       |