

## Luminaire

Code AQ74115APP  
 Name A.24 SOSP SA360 1122 DIFF4000K BSV APP\*

## Measurement

Code FTS2000803  
 Name A.24 SOSP SA360 1122 DIFF4000K BSV APP\*

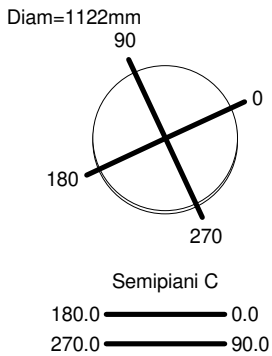
|                            |         |                 |               |                             |                |                    |                    |
|----------------------------|---------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux             | 8572 lm | Luminaire Power | 95.0 W        | Efficacy                    | 90.229 lm/W    | Efficiency         | 100.00%            |
| Source Flux                | 8572 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                       |         | 02-02-2018      |               | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance       |         | 0.00            |               | Measurement Flux            |                | 8572 lm            |                    |

LED Flux=14212.8lm LED Power=87W Eff=60% EfcLed=163lm/W EfcLum=90lm/W CCT=4000K Ra=80 SDCM=2 L70(6K)=50000h

C.I.E. 47 79 96 100 100  
 F UTE 1.00 E

D DIN 5040  
 B NBN

A30  
 BZ 5 / 1.5 / BZ 4



ULOR 0.02 %  
 DLOR 99.98 %  
 RN 0.02 %



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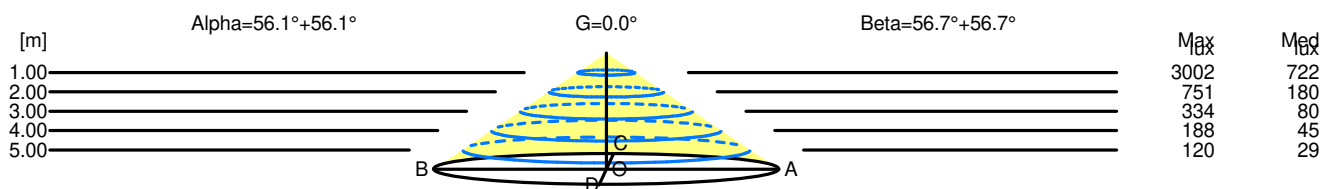
Code FTS2000803  
Name A.24 SOSP SA360 1122 DIFF4000K BSV APP\*

|   |                  |                 |               |                             |                   |            |                    |
|---|------------------|-----------------|---------------|-----------------------------|-------------------|------------|--------------------|
| Luminaire Flux  | 8572 lm          | Luminaire Power | 95.0 W        | Efficacy                    | 90.229 lm/W       | Efficiency | 100.00%            |
| Source Flux   | 8572 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  |                  | 02-02-2018      |               | Maximum Gamma Angle         |                   |            | 180                |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |                   |            | 8572 lm            |
| LED Flux=14212.8lm LED Power=87W Eff=60% EfcLed=163lm/W EfcLum=90lm/W CCT=4000K Ra=80 SDCM=2 L70(6K)=50000h |                  |                 |               |                             |                   |            |                    |
| 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 | 3001.73                         | 2987.13 | 2872.98 | 2662.54 | 2360.09 | 1982.54 | 1550.03 | 1064.16 | 552.44 | 123.63 |
| OB | 3001.73                         | 2987.13 | 2872.98 | 2662.54 | 2360.09 | 1982.54 | 1550.03 | 1064.16 | 552.44 | 123.63 |
| OC | 3001.73                         | 2989.03 | 2885.39 | 2679.83 | 2389.06 | 2015.16 | 1579.33 | 1095.02 | 582.56 | 152.24 |
| OD | 3001.73                         | 2989.03 | 2885.39 | 2679.83 | 2389.06 | 2015.16 | 1579.33 | 1095.02 | 582.56 | 152.24 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=56.1°+56.1° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.97  | 3002    | 722     |                   |       |
| 2.00 | 5.94  | 751     | 180     |                   |       |
| 3.00 | 8.91  | 334     | 80      |                   |       |
| 4.00 | 11.89 | 188     | 45      |                   |       |
| 5.00 | 14.86 | 120     | 29      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=56.7°+56.7° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.04  | 3002    | 722     |                  |       |
| 2.00 | 6.09  | 751     | 180     |                  |       |
| 3.00 | 9.13  | 334     | 80      |                  |       |
| 4.00 | 12.18 | 188     | 45      |                  |       |
| 5.00 | 15.22 | 120     | 29      |                  |       |