

## Luminaire

Code AE07000+AE40001  
 Name A. SHARPING 1184.DIR+IND 2X4 940 DM FLOOD + SCREENS 1184 2X4 WHITE

## Measur.

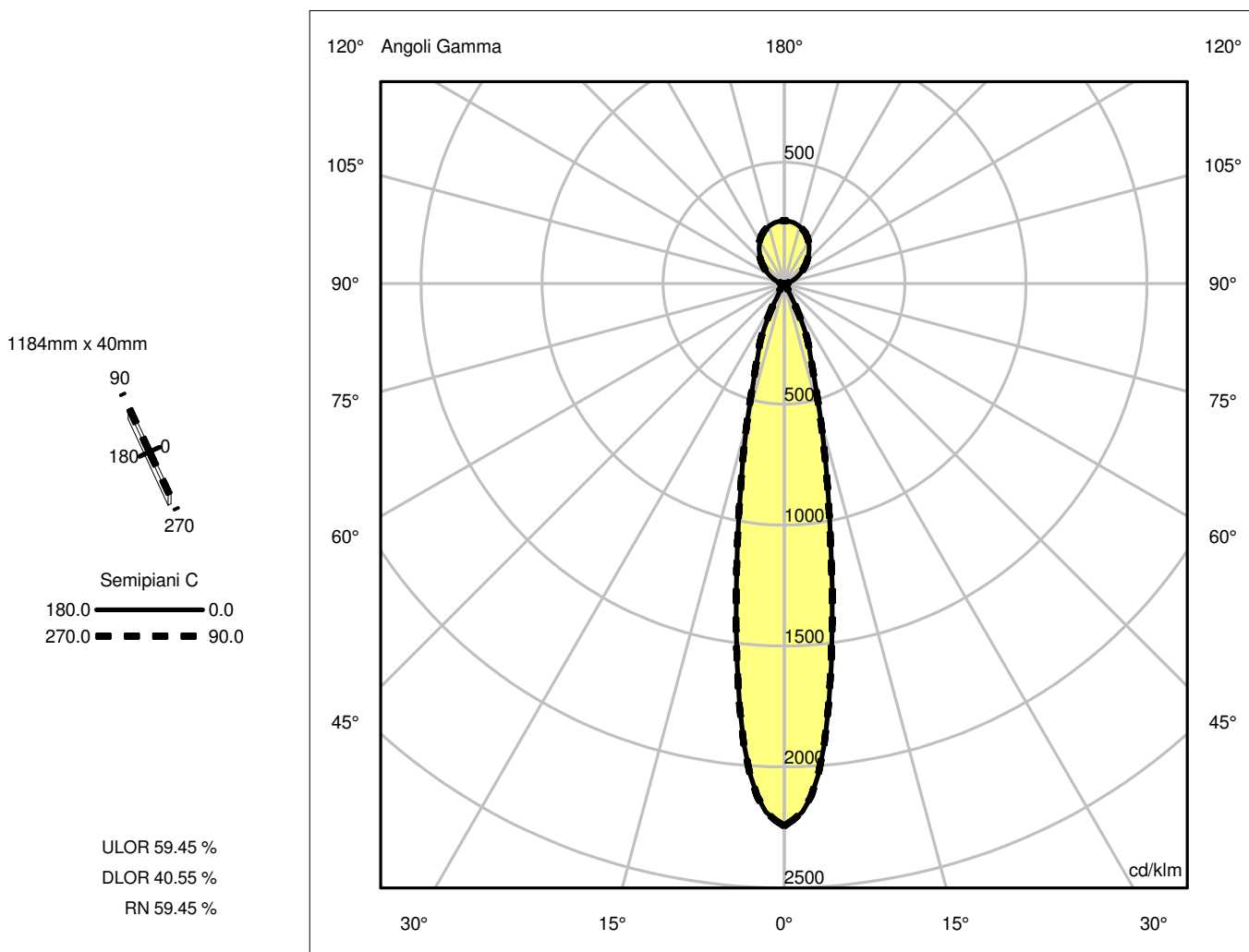
Code FTS1603089  
 Name A. SHARPING 1184.DIR+IND 2X4 940 DM FLOOD + SCREENS 1184 2X4 WHITE

|                            |            |                 |                |                             |               |                    |                    |
|----------------------------|------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 4355.99 lm | Luminaire Power | 53.00 W        | Efficacy                    | 82.19 lm/W    | Efficiency         | 100.00%            |
| Lamps Flux                 | 4355.99 lm | Maximum value   | 2244.19 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire      |            | Length          | 1184 mm        | Width                       | 40 mm         | Height             | 111 mm             |
| Rectangular Luminous Area  |            | Length          | 296 mm         | Width                       | 37 mm         | Height             | 0 mm               |
| Horizontal Luminous Area   |            | 0.010952 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°           |               | 0.002650 m2        |                    |
| Coordinate system          |            | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date                       |            | 21-02-2017      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance       |            | 0.00            |                | Measurement Flux            |               | 4355.99 lm         |                    |

LED Flux=5695lm LED Power=44W Eff=76% EfcLed=129lm/W EfcLum=82lm/W Ra=90 SDCM=2 L90(20K)=118000h

C.I.E. 99 100 100 41 100  
 F UTE --

D DIN 5040  
 B NBN  
 C62  
 BZ 1



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## Measurement

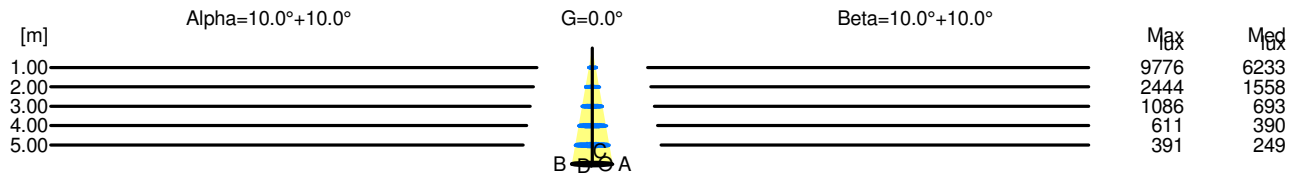
Code FTS1603089  
Name A. SHARPING 1184.DIR+IND 2X4 940 DM FLOOD + SCREENS 1184 2X4 WHITE

|  |                   |                         |                |                             |               |                         |                    |
|--|-------------------|-------------------------|----------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux   | 4355.99 lm        | Luminaire Power         | 53.00 W        | Efficacy                    | 82.19 lm/W    | Efficiency              | 100.00%            |
| Lamps Flux   | 4355.99 lm        | Maximum value           | 2244.19 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire  |                   | Length                  | 1184 mm        | Width                       | 40 mm         | Height                  | 111 mm             |
| Rectangular Luminous Area  |                   | Length                  | 296 mm         | Width                       | 37 mm         | Height                  | 0 mm               |
| Horizontal Luminous Area   |                   | 0.010952 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°           |               | 0.002650 m <sup>2</sup> |                    |
| Coordinate system  |                   | CG                      |                | Symmetry Type               |               | Double Symmetrical      |                    |
| Date   |                   | 21-02-2017              |                | Maximum Gamma Angle         |               | 180                     |                    |
| Measurement Distance   |                   | 0.00                    |                | Measurement Flux            |               | 4355.99 lm              |                    |
| LED Flux=5695lm LED Power=44W Eff=76% EfcLed=129lm/W EfcLum=82lm/W Ra=90 SDCM=2 L90(20K)=118000h |                   |                         |                |                             |               |                         |                    |
| C.I.E.   | 99 100 100 41 100 |                         |                | D DIN 5040                  |               | C62                     |                    |
| 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   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 | OC   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 |
| OB   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 | OD   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 |

|    |                                |         |         |        |       |       |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|-------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |       |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45    | 55   | 65   | 75   | 85   |
| OA | 9775.65                        | 8319.12 | 2566.54 | 701.74 | 44.03 | 12.42 | 4.32 | 2.77 | 1.96 | 0.92 |
| OB | 9775.65                        | 8319.12 | 2566.54 | 701.74 | 44.03 | 12.42 | 4.32 | 2.77 | 1.96 | 0.92 |
| OC | 9775.65                        | 8319.12 | 2566.54 | 701.74 | 44.03 | 12.42 | 4.32 | 2.77 | 1.96 | 0.92 |
| OD | 9775.65                        | 8319.12 | 2566.54 | 701.74 | 44.03 | 12.42 | 4.32 | 2.77 | 1.96 | 0.92 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.0°+10.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.35 | 9776    | 6233    |                   |       |
| 2.00 | 0.70 | 2444    | 1558    |                   |       |
| 3.00 | 1.05 | 1086    | 693     |                   |       |
| 4.00 | 1.41 | 611     | 390     |                   |       |
| 5.00 | 1.76 | 391     | 249     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=10.0°+10.0° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.35 | 9776    | 6233    |                  |       |
| 2.00 | 0.70 | 2444    | 1558    |                  |       |
| 3.00 | 1.05 | 1086    | 693     |                  |       |
| 4.00 | 1.41 | 611     | 390     |                  |       |
| 5.00 | 1.76 | 391     | 249     |                  |       |