

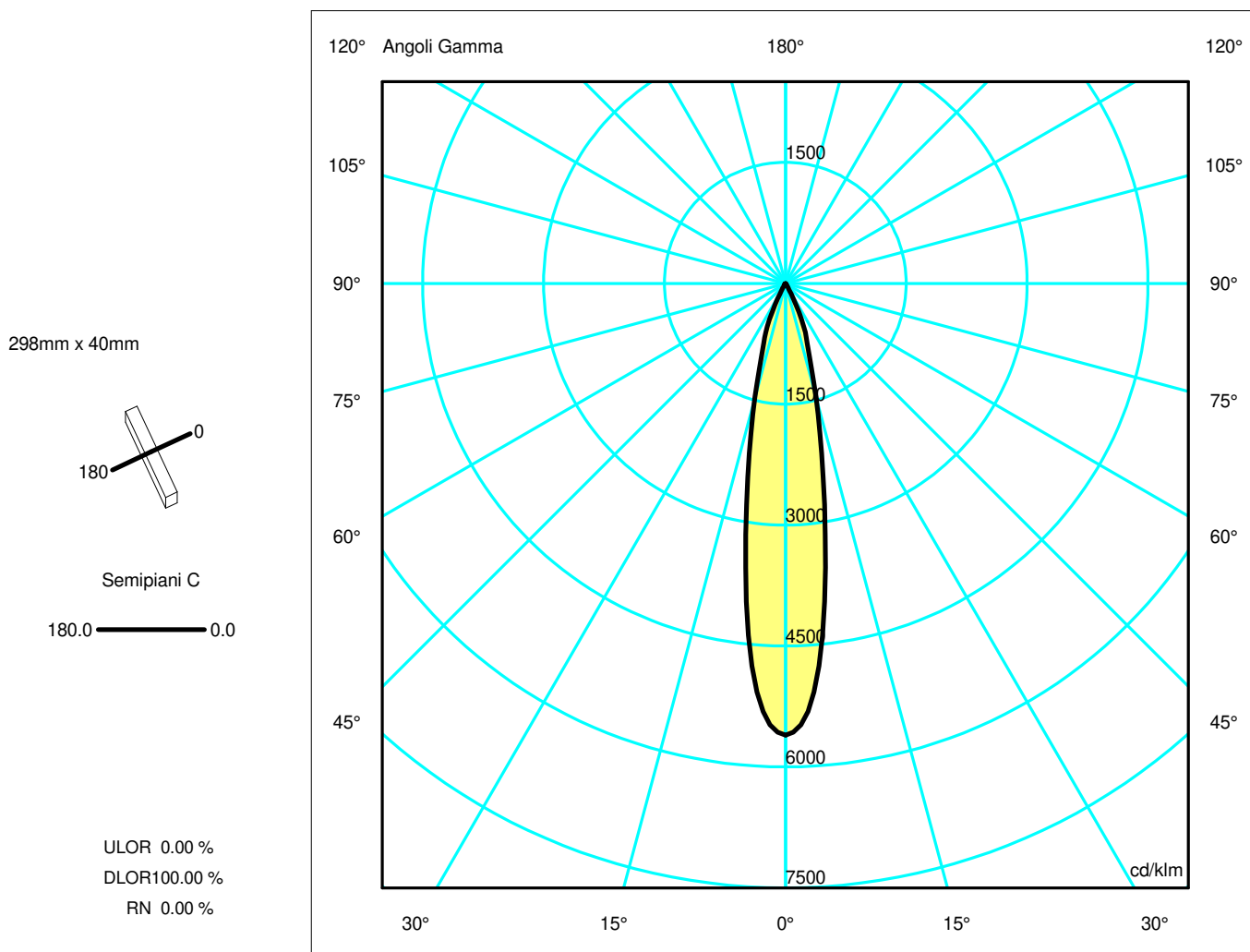
## Luminaire

Code AF65300+AF95204  
 Name SHARP RECESSED TRIMLESS 8X 24W 940 FLOOD EXT.DRV + SCREEN 4X BLACK

## Measurem.

Code FTS1603338  
 Name SHARP RECESSED TRIMLESS 8X 24W 940 FLOOD EXT.DRV + SCREEN 4X BLACK

|                           |                     |                             |                 |   |               |                            |                 |
|---------------------------|---------------------|-----------------------------|-----------------|---|---------------|----------------------------|-----------------|
| Luminaire Flux            | 1693.28 lm          | Luminaire Power             | 22.00 W         | Efficacy  | 76.97 lm/W    | Efficiency                 | 100.00%         |
| Lamps Flux                | 1693.28 lm          | Maximum value               | 5604.42 cd/klm  | Position  | C=0.00 G=0.00 | CG                         | Rotosymmetrical |
| Rectangular Luminaire     | Length              | 298 mm                      | Width           | 40 mm   | Height        | 55 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 270°   | 0.000000 m2   | Emitting area on Plane 90° | 0.002650 m2     |
| Coordinate system         | CG                  | Symmetry Type               | Rotosymmetrical | Date  | 21-02-2017    | Maximum Gamma Angle        | 180             |
| Measurement Distance      | 0.00                | Measurement Flux            | 1693.28 lm      | LED Flux=2271,96lm LED Power=22W Eff=75% EfcLed=103lm/W EfcLum=77lm/W Ra=90 SDCM=2 L90(20K)=118000h |               |                            |                 |
| C.I.E.                    | 100 100 100 100 100 | D DIN 5040                  | A60             |   |               |                            |                 |
| F UTE                     | --                  | B NBN                       | BZ 1            |   |               |                            |                 |



## Luminaire

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 Name SHARP RECESSED TRIMLESS 8X 24W 940 FLOOD EXT.DRV + SCREEN 4X BLACK

## Measur.

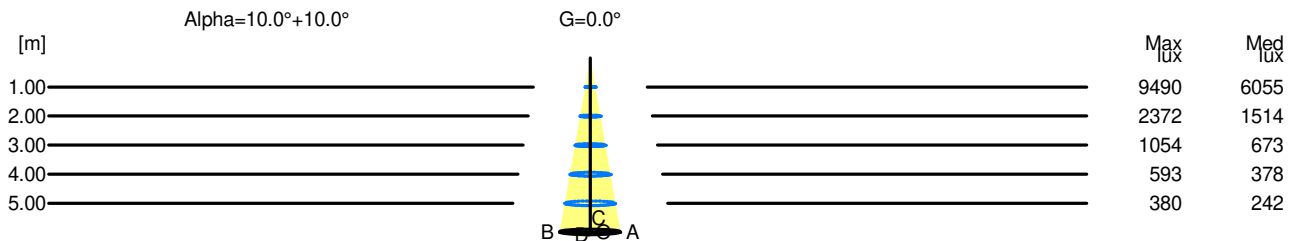
Code FTS1603338  
 Name SHARP RECESSED TRIMLESS 8X 24W 940 FLOOD EXT.DRV + SCREEN 4X BLACK

|   |            |                 |                |                             |               |                 |                 |
|---|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 1693.28 lm | Luminaire Power | 22.00 W        | Efficacy                    | 76.97 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux  | 1693.28 lm | Maximum value   | 5604.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire   |            | Length          | 298 mm         | Width                       | 40 mm         | Height          | 55 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               |               | Rotosymmetrical |                 |
| Date  |            | 21-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance  |            | 0.00            |                | Measurement Flux            |               | 1693.28 lm      |                 |
| LED Flux=2271,96lm LED Power=22W Eff=75% EfcLed=103lm/W EfcLum=77lm/W Ra=90 SDCM=2 L90(20K)=118000h |            |                 |                |                             |               |                 |                 |
| C.I.E.  | 100        | 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   | 0.18 | 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 | 9489.86                        | 8069.57 | 2477.61 | 662.75 | 39.24 | 8.30 | 1.05 | 0.00 | 0.00 | 0.00 |
| OB | 9489.86                        | 8069.57 | 2477.61 | 662.75 | 39.24 | 8.30 | 1.05 | 0.00 | 0.00 | 0.00 |
| OC | 9489.86                        | 8069.57 | 2477.61 | 662.75 | 39.24 | 8.30 | 1.05 | 0.00 | 0.00 | 0.00 |
| OD | 9489.86                        | 8069.57 | 2477.61 | 662.75 | 39.24 | 8.30 | 1.05 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.0°+10.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.35 | 9490    | 6055    |                   |       |
| 2.00 | 0.70 | 2372    | 1514    |                   |       |
| 3.00 | 1.05 | 1054    | 673     |                   |       |
| 4.00 | 1.40 | 593     | 378     |                   |       |
| 5.00 | 1.75 | 380     | 242     |                   |       |