

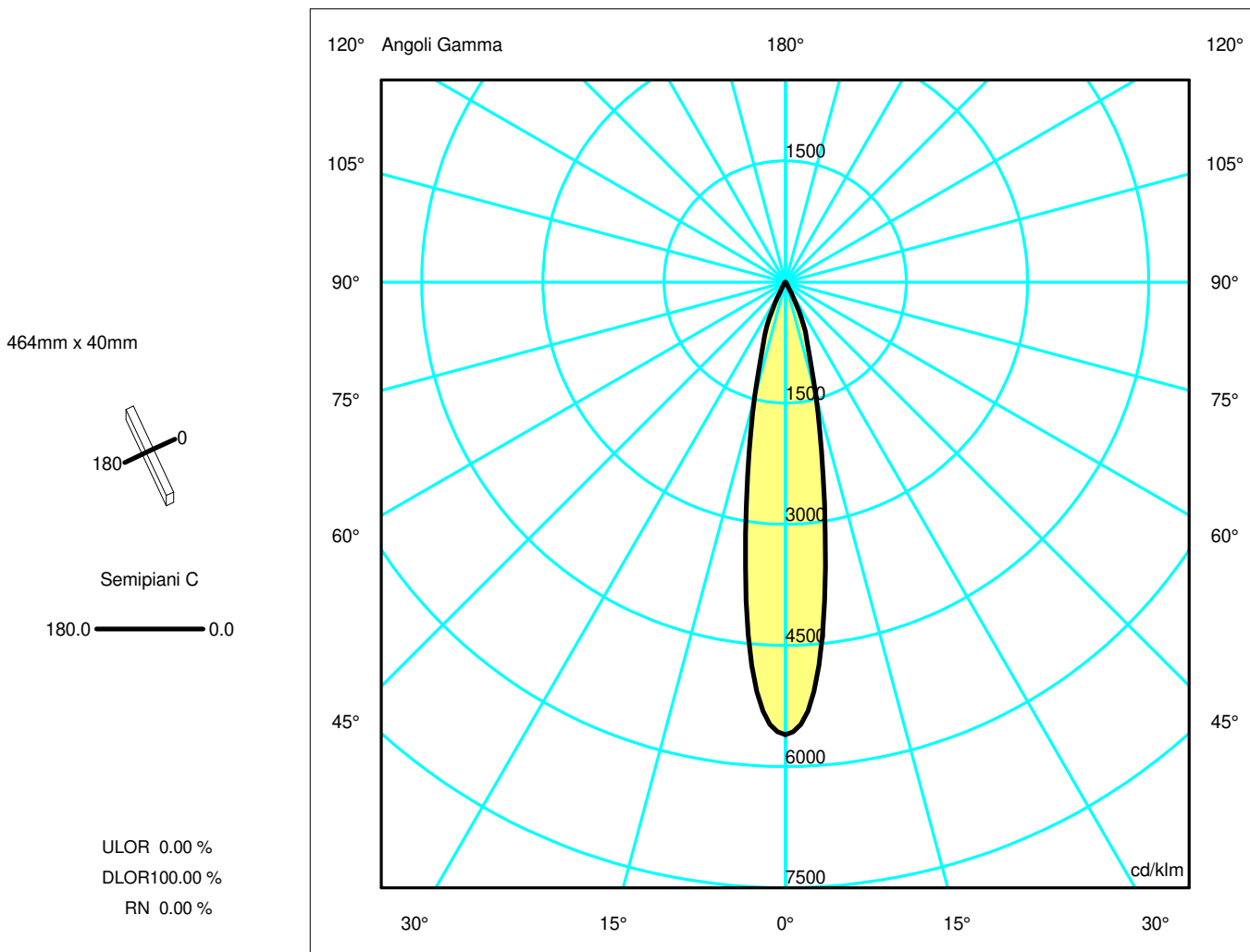
## Luminaire

Code AF20305+AF95204  
 Name SHARP RECESSED TRIM 12X 36W 940 FLOOD SILVER EXT.DRV + SCREEN 4X BLACK

## Measurerm.

Code FTS1603254  
 Name SHARP RECESSED TRIM 12X 36W 940 FLOOD SILVER EXT.DRV + SCREEN 4X BLACK

|   |            |                 |                |                             |               |                 |                 |
|---|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 2539.94 lm | Luminaire Power | 33.00 W        | Efficacy                    | 76.97 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux  | 2539.94 lm | Maximum value   | 5604.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire   |            | Length          | 464 mm         | Width                       | 40 mm         | Height          | 55 mm           |
| Rectangular Luminous Area   |            | Length          | 444 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area  |            | 0.016428 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°           |               | 0.003974 m2     |                 |
| Coordinate system   |            | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date  |            | 21-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance  |            | 0.00            |                | Measurement Flux            |               | 2539.94 lm      |                 |
| LED Flux=3407,94lm LED Power=33W Eff=75% EfcLed=103lm/W EfcLum=77lm/W Ra=90 SDCM=2 L90(20K)=118000h |            |                 |                |                             |               |                 |                 |
| C.I.E.  | 100        | 100             | 100            | 100                         | D DIN 5040    | A60             |                 |
| F UTE   | --         |                 |                |                             | B NBN         | BZ 1            |                 |



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| Measurement Distance       |            | 0.00            |                | Measurement Flux            |               | 2539.94 lm      |                 |

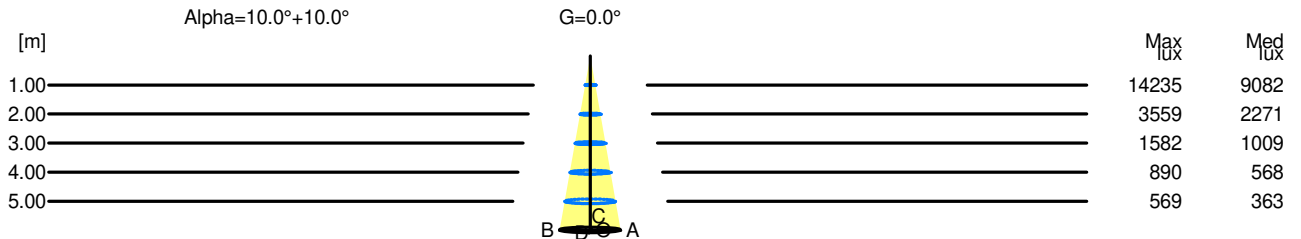
LED Flux=3407,94lm LED Power=33W Eff=75% EfcLed=103lm/W EfcLum=77lm/W Ra=90 SDCM=2 L90(20K)=118000h

|        |     |     |     |     |     |            |      |
|--------|-----|-----|-----|-----|-----|------------|------|
| 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 | 14234.90                       | 12104.45 | 3716.44 | 994.14 | 58.86 | 12.45 | 1.57 | 0.00 | 0.00 | 0.00 |
| OB | 14234.90                       | 12104.45 | 3716.44 | 994.14 | 58.86 | 12.45 | 1.57 | 0.00 | 0.00 | 0.00 |
| OC | 14234.90                       | 12104.45 | 3716.44 | 994.14 | 58.86 | 12.45 | 1.57 | 0.00 | 0.00 | 0.00 |
| OD | 14234.90                       | 12104.45 | 3716.44 | 994.14 | 58.86 | 12.45 | 1.57 | 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 | 14235   | 9082    |                   |       |
| 2.00 | 0.70 | 3559    | 2271    |                   |       |
| 3.00 | 1.05 | 1582    | 1009    |                   |       |
| 4.00 | 1.40 | 890     | 568     |                   |       |
| 5.00 | 1.75 | 569     | 363     |                   |       |