

## Luminaire

Code BH08904+BH16104  
 Name A.39 SHARP D+IND 1184 HB 54 400K ND NRO + COVER 3X4 OPT. HB BLACK

## Measurem.

Code FTS1900139  
 Name A.39 SHARP D+IND 1184 HB 54 400K ND NRO + COVER 3X4 OPT. HB BLACK

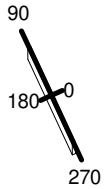
|                            |            |                 |               |                             |               |                    |                    |
|----------------------------|------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 5591.32 lm | Luminaire Power | 64.00 W       | Efficacy                    | 87.36 lm/W    | Efficiency         | 100.00%            |
| Sources Flux               | 5591.32 lm | Maximum value   | 640.55 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          | 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               |               | Double Symmetrical |                    |
| Date                       |            | 17-07-2017      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance       |            | 0.00            |               | Measurement Flux            |               | 5591.32 lm         |                    |

LED Flux=7122,45lm LED Power=55W Eff=79% EfcLed=129lm/W EfcLum=87lm/W Ra=90 SDCM=2 L90(20K)=118000h

C.I.E. 99 100 100 45 100  
 F UTE --

D DIN 5040  
 B NBN  
 C62  
 BZ 1

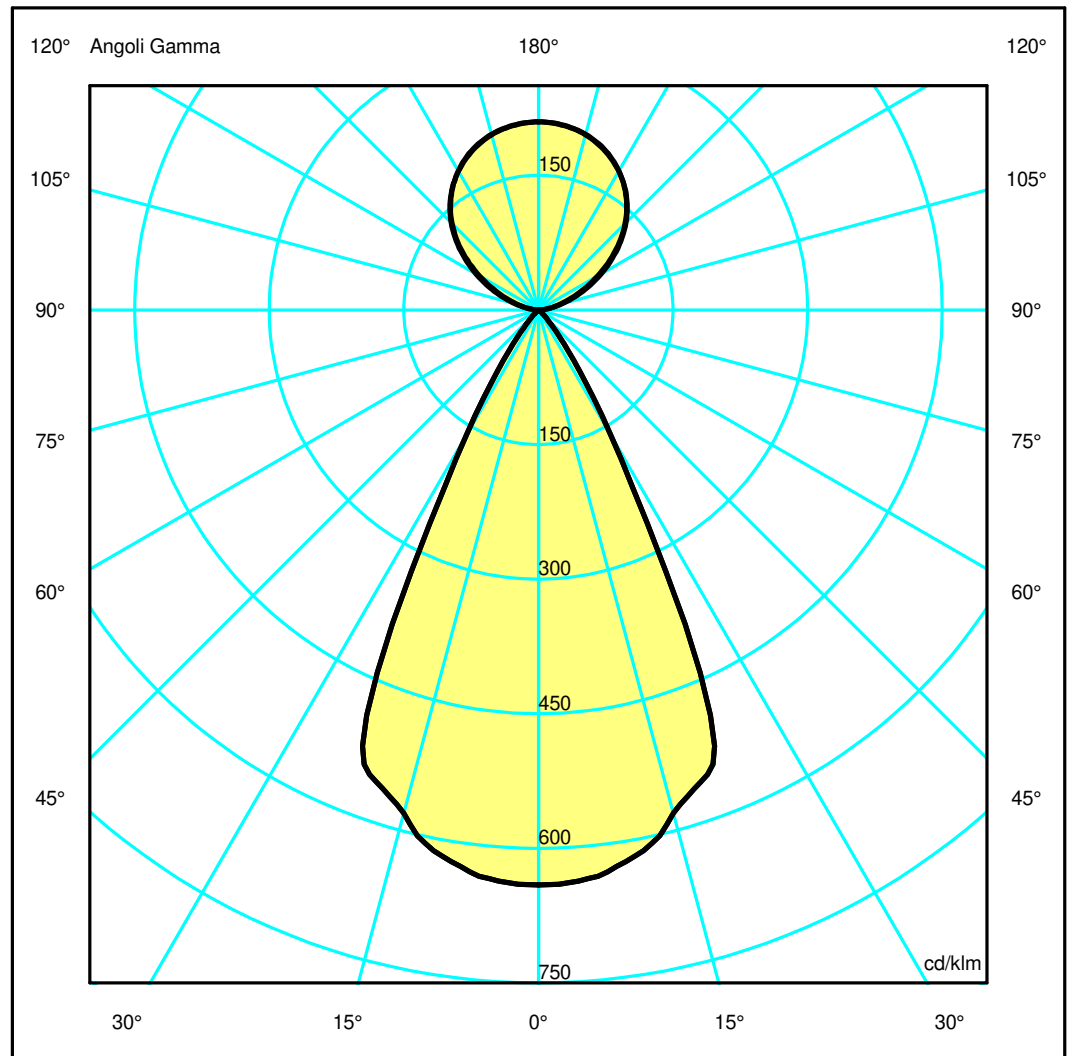
1184mm x 40mm



Semipiani C

180.0 — 0.0  
 270.0 — 90.0

ULOR 55.23 %  
 DLOR 44.77 %  
 RN 55.23 %



## Luminaire

Code BH08904+BH16104  
Name A.39 SHARP D+IND 1184 HB 54 400K ND NRO + COVER 3X4 OPT. HB BLACK

## Measurerm.

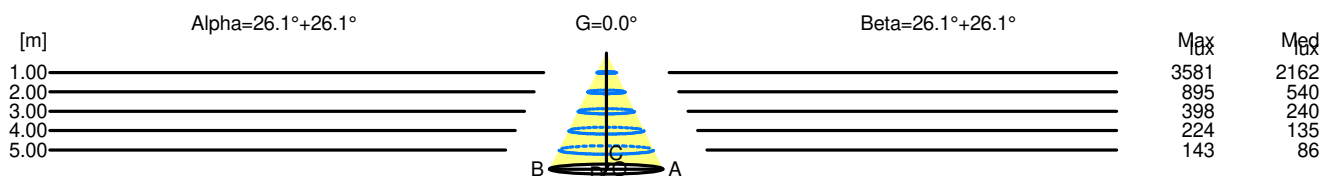
Code FTS1900139  
Name A.39 SHARP D+IND 1184 HB 54 400K ND NRO + COVER 3X4 OPT. HB BLACK

|   |                   |                 |               |                             |               |                    |                    |
|---|-------------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux  | 5591.32 lm        | Luminaire Power | 64.00 W       | Efficacy                    | 87.36 lm/W    | Efficiency         | 100.00%            |
| Sources Flux  | 5591.32 lm        | Maximum value   | 640.55 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          | 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               |               | Double Symmetrical |                    |
| Date  |                   | 17-07-2017      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |                   | 0.00            |               | Measurement Flux            |               | 5591.32 lm         |                    |
| LED Flux=7122,45lm LED Power=55W Eff=79% EfcLed=129lm/W EfcLum=87lm/W Ra=90 SDCM=2 L90(20K)=118000h |                   |                 |               |                             |               |                    |                    |
| C.I.E.  | 99 100 100 45 100 |                 |               | 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   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 | OC   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 |
| OB   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 | OD   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 |

|    | Luminous Intensities [ cd/klm] |         |         |         |        |       |      |      |      |      |
|----|--------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
|    | 0                              | 5       | 15      | 25      | 35     | 45    | 55   | 65   | 75   | 85   |
| OA | 3581.49                        | 3555.75 | 3246.64 | 2159.55 | 382.38 | 55.78 | 4.35 | 0.00 | 0.00 | 0.00 |
| OB | 3581.49                        | 3555.75 | 3246.64 | 2159.55 | 382.38 | 55.78 | 4.35 | 0.00 | 0.00 | 0.00 |
| OC | 3581.49                        | 3555.75 | 3246.64 | 2159.55 | 382.38 | 55.78 | 4.35 | 0.00 | 0.00 | 0.00 |
| OD | 3581.49                        | 3555.75 | 3246.64 | 2159.55 | 382.38 | 55.78 | 4.35 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=26.1°+26.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.98 | 3581    | 2162    |                   |       |
| 2.00 | 1.96 | 895     | 540     |                   |       |
| 3.00 | 2.93 | 398     | 240     |                   |       |
| 4.00 | 3.91 | 224     | 135     |                   |       |
| 5.00 | 4.89 | 143     | 86      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=26.1°+26.1° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.98 | 3581    | 2162    |                  |       |
| 2.00 | 1.96 | 895     | 540     |                  |       |
| 3.00 | 2.93 | 398     | 240     |                  |       |
| 4.00 | 3.91 | 224     | 135     |                  |       |
| 5.00 | 4.89 | 143     | 86      |                  |       |