

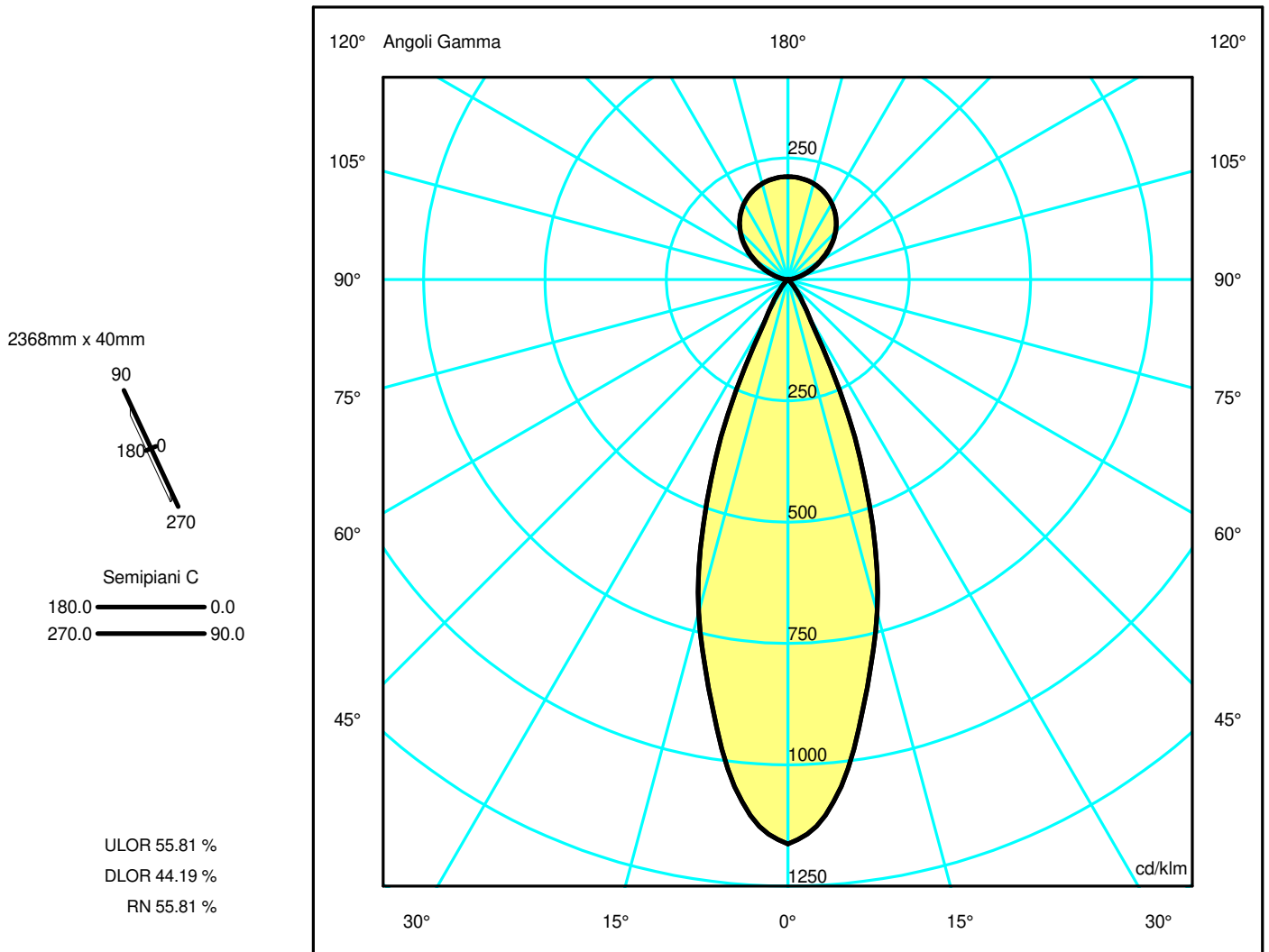
## Luminaire

Code BH10704+BH16304  
 Name A.39 SHARP D+IND 2368 HB 34 400K DM NRO + COVER 6X4 OPT. HB BLACK

## Measurement

Code FTS1900280  
 Name A.39 SHARP D+IND 2368 HB 34 400K DM NRO + COVER 6X4 OPT. HB BLACK

|  |                   |                 |                |                             |               |                    |                    |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux   | 11068.06 lm       | Luminaire Power | 120.00 W       | Efficacy                    | 92.23 lm/W    | Efficiency         | 100.00%            |
| Sources Flux   | 11068.06 lm       | Maximum value   | 1162.63 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire  |                   | Length          | 2368 mm        | Width                       | 40 mm         | Height             | 111 mm             |
| Rectangular Luminous Area  |                   | Length          | 888 mm         | Width                       | 37 mm         | Height             | 0 mm               |
| Horizontal Luminous Area   |                   | 0.032856 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°           |               | 0.007949 m2        |                    |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date   |                   | 16-02-2017      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 11068.06 lm        |                    |
| LED Flux=14244,9lm LED Power=103W Eff=78% EfcLed=138lm/W EfcLum=92lm/W Ra=90 SDCM=2 L90(20K)=118000h |                   |                 |                |                             |               |                    |                    |
| C.I.E.   | 99 100 100 44 100 |                 |                | D DIN 5040                  |               | C62                |                    |
| F UTE  | --                |                 |                | B NBN                       |               | BZ 1               |                    |



## Luminaire

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 Name A.39 SHARP D+IND 2368 HB 34 400K DM NRO + COVER 6X4 OPT. HB BLACK

## Measurerm.

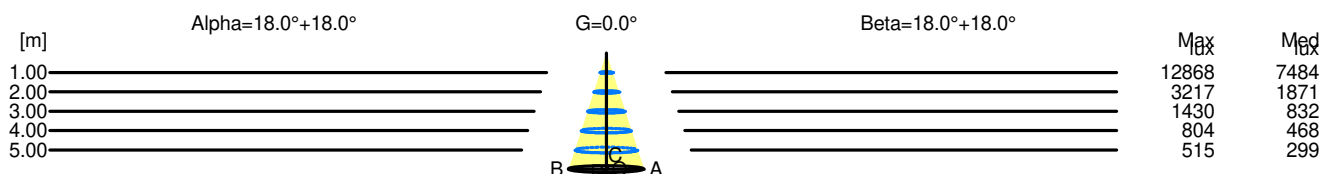
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 Name A.39 SHARP D+IND 2368 HB 34 400K DM NRO + COVER 6X4 OPT. HB BLACK

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| Date   |                   | 16-02-2017      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 11068.06 lm        |                    |
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| C.I.E.   | 99 100 100 44 100 |                 |                | 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   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OC   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 |
| OB   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OD   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 |

|    | Luminous Intensities [ cd/klm] |          |         |         |        |       |       |      |      |      |
|----|--------------------------------|----------|---------|---------|--------|-------|-------|------|------|------|
|    | 0                              | 5        | 15      | 25      | 35     | 45    | 55    | 65   | 75   | 85   |
| OA | 12868.08                       | 11953.82 | 7860.42 | 2802.21 | 476.42 | 95.97 | 11.28 | 1.56 | 0.00 | 0.00 |
| OB | 12868.08                       | 11953.82 | 7860.42 | 2802.21 | 476.42 | 95.97 | 11.28 | 1.56 | 0.00 | 0.00 |
| OC | 12868.08                       | 11953.82 | 7860.42 | 2802.21 | 476.42 | 95.97 | 11.28 | 1.56 | 0.00 | 0.00 |
| OD | 12868.08                       | 11953.82 | 7860.42 | 2802.21 | 476.42 | 95.97 | 11.28 | 1.56 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.0°+18.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.65 | 12868   | 7484    |                   |       |
| 2.00 | 1.30 | 3217    | 1871    |                   |       |
| 3.00 | 1.95 | 1430    | 832     |                   |       |
| 4.00 | 2.60 | 804     | 468     |                   |       |
| 5.00 | 3.25 | 515     | 299     |                   |       |

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|------|------|---------|---------|------------------|-------|
| 1.00 | 0.65 | 12868   | 7484    |                  |       |
| 2.00 | 1.30 | 3217    | 1871    |                  |       |
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