

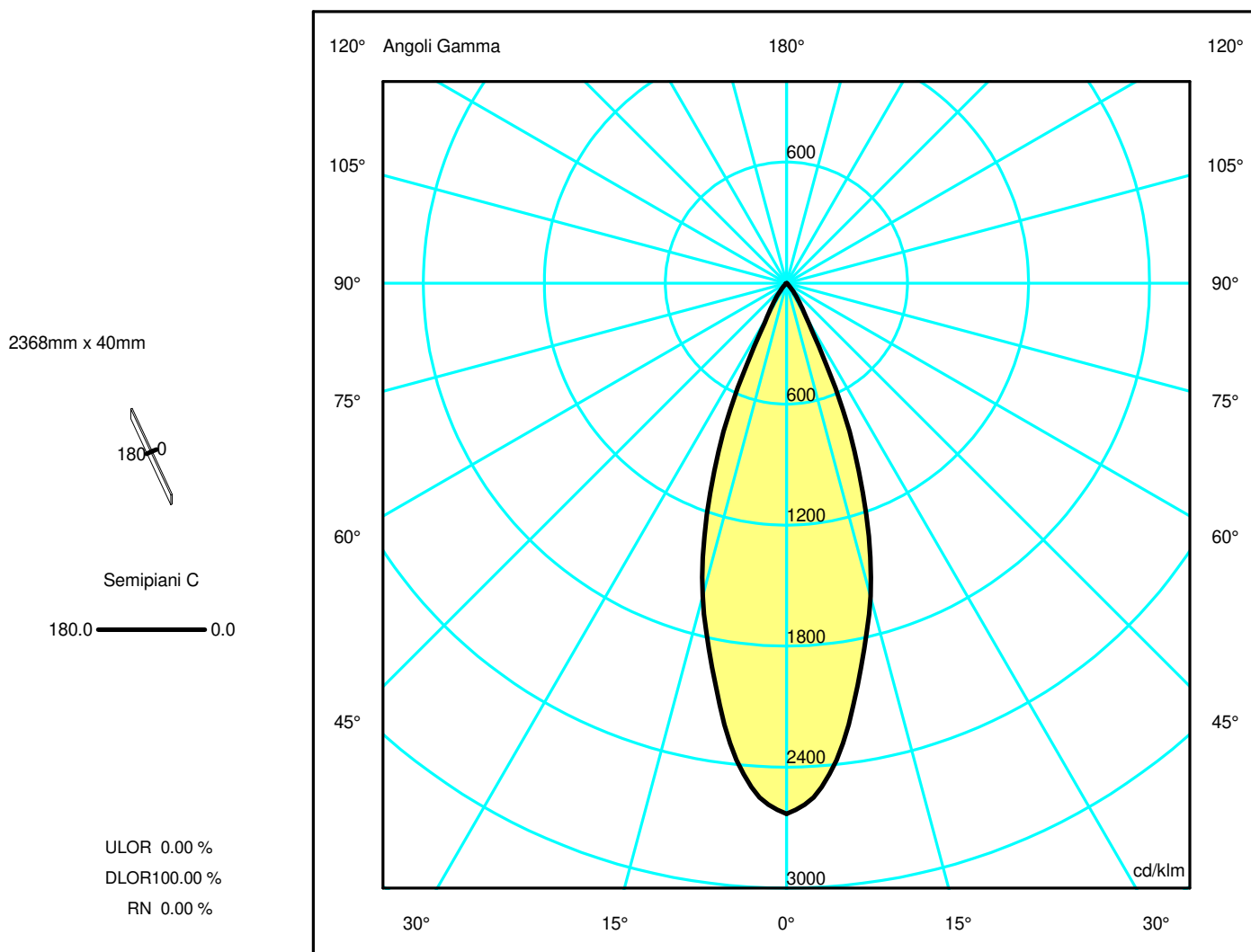
## Luminaire

Code BH06605+BH16204  
 Name A.39 S/C SHAR DIR 2368 LB 34 300K DM SIL + COVER 4X4 OPT. LB BLACK

## Measurement

Code FTS1900151  
 Name A.39 S/C SHAR DIR 2368 LB 34 300K DM SIL + COVER 4X4 OPT. LB BLACK

|   |            |                         |                |                             |               |                         |                 |
|---|------------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux  | 3046.96 lm | Luminaire Power         | 54.00 W        | Efficacy                    | 56.43 lm/W    | Efficiency              | 100.00%         |
| Sources Flux  | 3046.96 lm | Maximum value           | 2630.91 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Rotosymmetrical |
| Rectangular Luminaire   |            | Length                  | 2368 mm        | Width                       | 40 mm         | Height                  | 111 mm          |
| Rectangular Luminous Area   |            | Length                  | 592 mm         | Width                       | 37 mm         | Height                  | 0 mm            |
| Horizontal Luminous Area  |            | 0.021904 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°           |               | 0.005299 m <sup>2</sup> |                 |
| Coordinate system   |            | CG                      |                | Symmetry Type               |               | Rotosymmetrical         |                 |
| Date  |            | 16-02-2017              |                | Maximum Gamma Angle         |               | 180                     |                 |
| Measurement Distance  |            | 0.00                    |                | Measurement Flux            |               | 3046.96 lm              |                 |
| LED Flux=4352,8lm LED Power=45W Eff=70% EfcLed=97lm/W EfcLum=56lm/W Ra=90 SDCM=2 L90(20K)=118000h |            |                         |                |                             |               |                         |                 |
| C.I.E.  | 99         | 100                     | 100            | 100                         | 100           | D DIN 5040              | A60             |
| F UTE   | --         |                         |                |                             |               | B NBN                   | BZ 1            |



## Luminaire

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## Measurem.

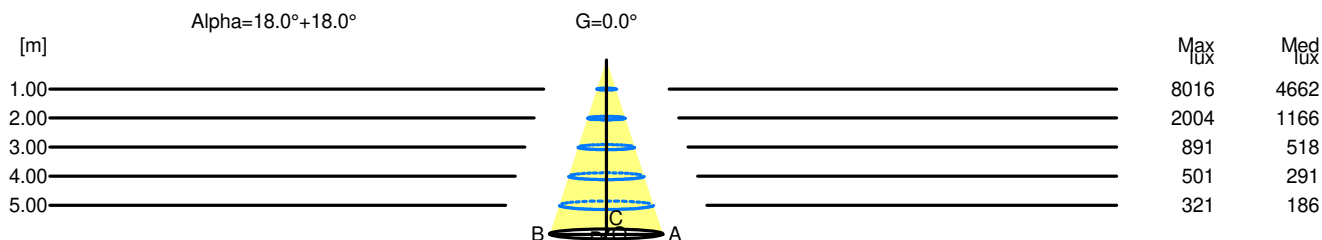
Code FTS1900151  
 Name A.39 S/C SHAR DIR 2368 LB 34 300K DM SIL + COVER 4X4 OPT. LB BLACK

|   |                    |                 |                |                             |               |                 |                 |
|---|--------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 3046.96 lm         | Luminaire Power | 54.00 W        | Efficacy                    | 56.43 lm/W    | Efficiency      | 100.00%         |
| Sources Flux  | 3046.96 lm         | Maximum value   | 2630.91 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire   |                    | Length          | 2368 mm        | Width                       | 40 mm         | Height          | 111 mm          |
| Rectangular Luminous Area   |                    | Length          | 592 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area  |                    | 0.021904 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°           |               | 0.005299 m2     |                 |
| Coordinate system   |                    | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date  |                    | 16-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance  |                    | 0.00            |                | Measurement Flux            |               | 3046.96 lm      |                 |
| LED Flux=4352,8lm LED Power=45W Eff=70% EfcLed=97lm/W EfcLum=56lm/W Ra=90 SDCM=2 L90(20K)=118000h |                    |                 |                |                             |               |                 |                 |
| C.I.E.  | 99 100 100 100 100 |                 |                | 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   | 0.33 | 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 | 8016.27                         | 7446.72 | 4896.71 | 1745.66 | 296.79 | 59.79 | 7.03 | 0.97 | 0.00 | 0.00 |
| OB | 8016.27                         | 7446.72 | 4896.71 | 1745.66 | 296.79 | 59.79 | 7.03 | 0.97 | 0.00 | 0.00 |
| OC | 8016.27                         | 7446.72 | 4896.71 | 1745.66 | 296.79 | 59.79 | 7.03 | 0.97 | 0.00 | 0.00 |
| OD | 8016.27                         | 7446.72 | 4896.71 | 1745.66 | 296.79 | 59.79 | 7.03 | 0.97 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.0°+18.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.65 | 8016    | 4662    |                   |       |
| 2.00 | 1.30 | 2004    | 1166    |                   |       |
| 3.00 | 1.95 | 891     | 518     |                   |       |
| 4.00 | 2.60 | 501     | 291     |                   |       |
| 5.00 | 3.25 | 321     | 186     |                   |       |