

## Luminaire

Code 1921080A  
Name TALO LED 90 S NRO

## Measurem.

Code FTS1503302-B  
Name TALO LED 90 S NRO

|                            |         |                         |               |                             |               |                         |                    |
|----------------------------|---------|-------------------------|---------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux             | 3840 lm | Luminaire Power         | 32.0 W        | Efficacy                    | 119.996 lm/W  | Efficiency              | 100.00%            |
| Source Flux                | 3840 lm | Maximum value           | 192.78 cd/klm | Position                    | C=0.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire      |         | Length                  | 905 mm        | Width                       | 100 mm        | Height                  | 40 mm              |
| Rectangular Luminous Area  |         | Length                  | 870 mm        | Width                       | 37 mm         | Height                  | 0 mm               |
| Horizontal Luminous Area   |         | 0.032190 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°           |               | 0.007787 m <sup>2</sup> |                    |
| Coordinate system          |         | CG                      |               | Symmetry Type               |               | Double Symmetrical      |                    |
| Date                       |         | 04-05-2022              |               | Maximum Gamma Angle         |               | 180                     |                    |
| Measurement Distance       |         | 0.00                    |               | Measurement Flux            |               | 3840 lm                 |                    |

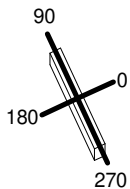
LED Flux=4839lm LED Power=27W Eff=79% EfcLed=178lm/W EfcLum=120lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=60000h

C.I.E. 47 79 96 55 100  
F UTE 0.55 E + 0.45 T

D DIN 5040  
B NBN

C31  
BZ 5 / 0.8 / BZ 4

905mm x 100mm



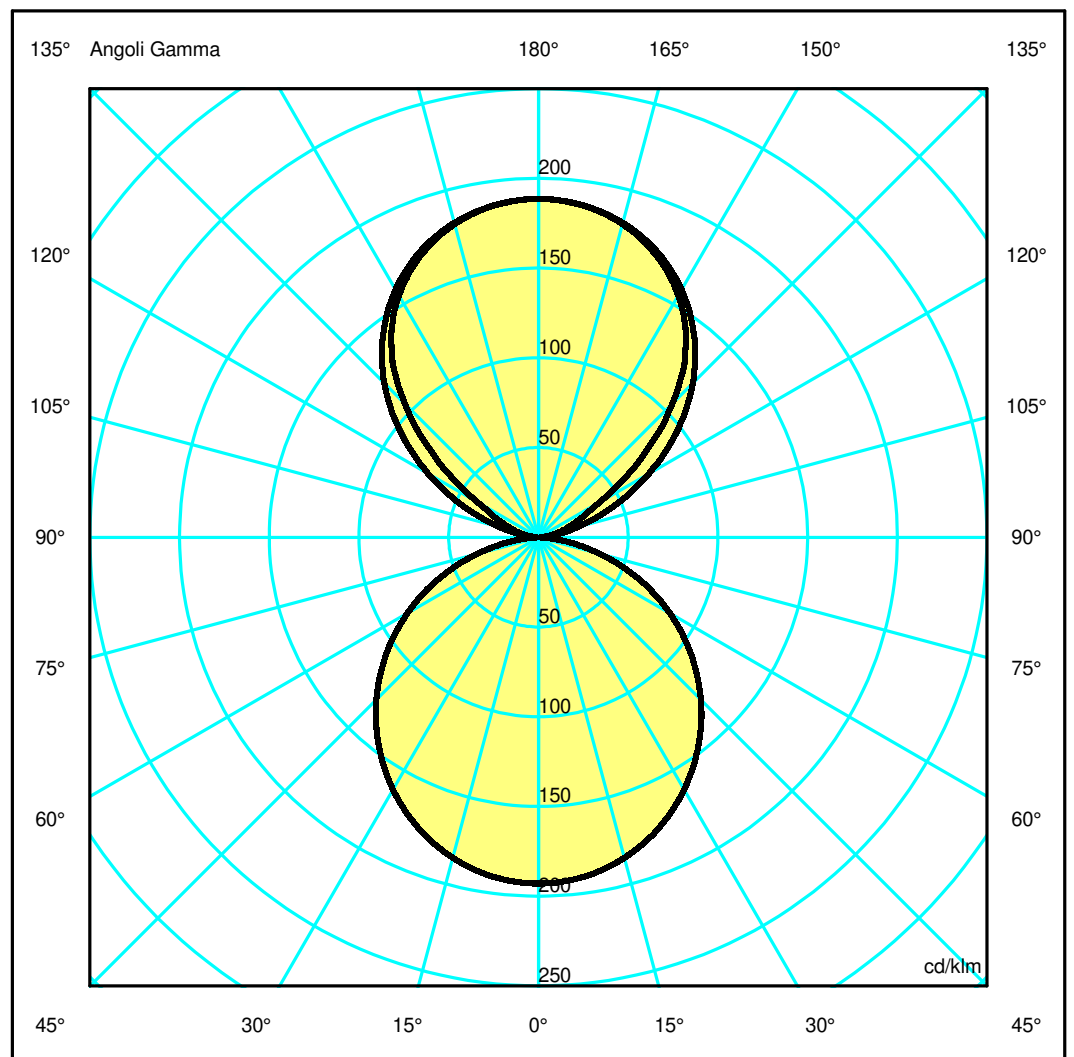
Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 45.34 %

DLOR 54.66 %

RN 45.34 %



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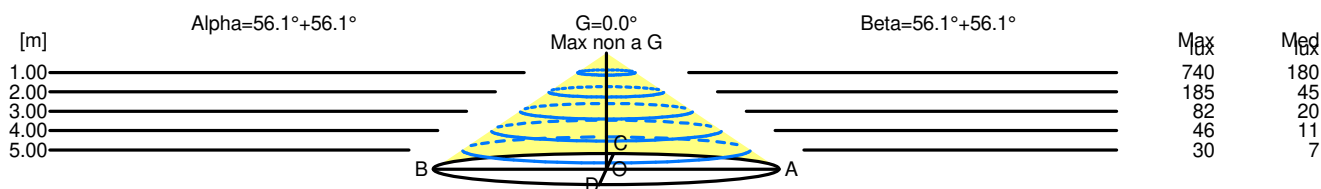
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Name TALO LED 90 S NRO

|   |                 |                     |                    |                             |                   |            |                    |
|---|-----------------|---------------------|--------------------|-----------------------------|-------------------|------------|--------------------|
| Luminaire Flux  | 3840 lm         | Luminaire Power     | 32.0 W             | Efficacy                    | 119.996 lm/W      | Efficiency | 100.00%            |
| Source Flux   | 3840 lm         | Maximum value       | 192.78 cd/klm      | Position                    | C=0.00 G=1.00     | CG         | Double Symmetrical |
| Rectangular Luminaire   |                 | Length              | 905 mm             | Width                       | 100 mm            | Height     | 40 mm              |
| Rectangular Luminous Area   |                 | Length              | 870 mm             | Width                       | 37 mm             | Height     | 0 mm               |
| Horizontal Luminous Area  | 0.032190 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°           | 0.007787 m2       |            |                    |
| Coordinate system   | CG              | Symmetry Type       | Double Symmetrical |                             |                   |            |                    |
| Date  | 04-05-2022      | Maximum Gamma Angle | 180                |                             |                   |            |                    |
| Measurement Distance  | 0.00            | Measurement Flux    | 3840 lm            |                             |                   |            |                    |
| LED Flux=4839lm LED Power=27W Eff=79% EfcLed=178lm/W EfcLum=120lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=60000h |                 |                     |                    |                             |                   |            |                    |
| C.I.E.  | 47 79 96 55 100 | D DIN 5040          | B NBN              | C31                         | BZ 5 / 0.8 / BZ 4 |            |                    |
| F UTE   | 0.55 E + 0.45 T |                     |                    |                             |                   |            |                    |

### 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   | 1.49 | 2.98 | 4.47 | 5.95 | 7.44 | OC   | 1.49 | 2.98 | 4.47 | 5.95 | 7.44 |
| OB   | 1.49 | 2.98 | 4.47 | 5.95 | 7.44 | OD   | 1.49 | 2.98 | 4.47 | 5.95 | 7.44 |

|    |                                |        |        |        |        |        |        |        |        |       |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |        |       |
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 740.19                         | 736.95 | 709.77 | 657.59 | 583.46 | 490.78 | 382.88 | 262.74 | 136.66 | 29.45 |
| OB | 740.19                         | 736.95 | 709.77 | 657.59 | 583.46 | 490.78 | 382.88 | 262.74 | 136.66 | 29.45 |
| OC | 740.19                         | 736.95 | 709.77 | 657.59 | 583.46 | 490.78 | 382.88 | 262.74 | 136.66 | 29.45 |
| OD | 740.19                         | 736.95 | 709.77 | 657.59 | 583.46 | 490.78 | 382.88 | 262.74 | 136.66 | 29.45 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=56.1°+56.1° | G=0.0° Max non a G |
|------|-------|---------|---------|-------------------|--------------------|
| 1.00 | 2.98  | 740     | 180     |                   |                    |
| 2.00 | 5.95  | 185     | 45      |                   |                    |
| 3.00 | 8.93  | 82      | 20      |                   |                    |
| 4.00 | 11.91 | 46      | 11      |                   |                    |
| 5.00 | 14.89 | 30      | 7       |                   |                    |

| H[m] | D[m]  | Max lux | Med lux | Beta=56.1°+56.1° | G=0.0° Max non a G |
|------|-------|---------|---------|------------------|--------------------|
| 1.00 | 2.98  | 740     | 180     |                  |                    |
| 2.00 | 5.95  | 185     | 45      |                  |                    |
| 3.00 | 8.93  | 82      | 20      |                  |                    |
| 4.00 | 11.91 | 46      | 11      |                  |                    |
| 5.00 | 14.89 | 30      | 7       |                  |                    |