

# TWIST 100 trim 2 lamps

048-1121218M 048-2798317 002-90780



Project / Type \_\_\_\_\_

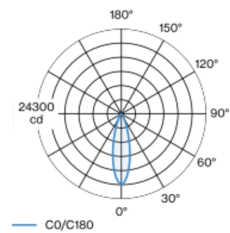
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Round recessed spotlight in die-cast aluminium; 2 lamps; surface black powder coated; installation without tools in mounting set due to patented ball catch system; with trim traffic white; suitable for ceiling thickness of 2-25 mm; 360° rotatable and 45° tiltable outward; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 27° beam; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



medium 27°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 10200    | 0.49  |
| 2     | 2600     | 0.97  |
| 3     | 1100     | 1.46  |
| 4     | 600      | 1.95  |
| 5     | 400      | 2.43  |

## Product drawing



## General

Ceiling , Recessed  
tilt max 45°  
rotation 360°  
black , RAL 9005 <sup>1</sup>  
Mounting set traffic white  
front IP20 , back IP20  
6380 lm  
fixture 140 lm/W<sup>2</sup>

## LED

3500 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 99 , R<sub>f</sub>: 92 , R<sub>t(1-5)</sub>: 93  
MR 0.61  
MDER 0.55

## Optical

medium  
beam angle 27°  
PstLM  $\leq 1.0$  <sup>3</sup>  
SVM  $\leq 0.4$  <sup>3</sup>

## Electrical

non DIM  
220-240 V  
system 51 W  
fixture 22.7 W  
650 mA  
fixture 45 W  
PC2

## Physical

length 218 mm  
width 118 mm  
height 99 mm  
0.52 kg

## Cutout

diameter 105 mm  
length 205 mm  
width 105 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 160 mm

<sup>1</sup> RAL code  
<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.  
<sup>3</sup> Value of containing product at full load (undimmed)



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Installation  
instructions



Lighting  
calculator

