

# TWIST 100 trim 2 lamps

048-1121118M 048-2798317 002-90780



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

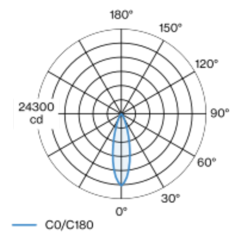
Notes \_\_\_\_\_

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 4000 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;

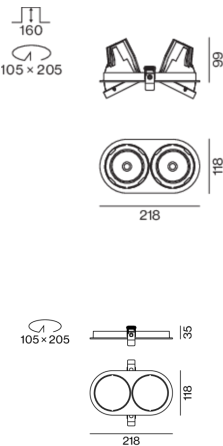
## Light distribution



medium 27°

h (m)	E0° (lx)	ø (m)
1	10300	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  
6400 lm  
fixture 141 lm/W<sup>2</sup>

## LED

4000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 100 , R<sub>f</sub>: 92 , R<sub>f(1-15)</sub>: 91  
MR 0.78  
MDER 0.71

## 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  
0.57 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> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> Value of containing product at full load (undimmed)



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Installation instructions



Lighting calculator

