

# TWIST 100

trim

048-1121018F 048-2796317 002-90780



Project / Type
Notes
Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; 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 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 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 39° beam; optical attachments available as accessories; optical attachments can be combined; degree of protection IP20; PC2 220-240V; 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



flood 39°

h (m)	E0° (lx)	ø (m)
1	6390	0.70
2	1600	1.40
3	710	2.10
4	400	2.80
5	260	3.50

## Product drawing



## General

Ceiling , Recessed
tilt max 45°
rotation 360°
black , RAL9005 <sup>1</sup>
Mounting set traffic white
front IP20 , back IP20
3110 lm

## LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 98 , R <sub>r</sub> : 91 , R <sub>t(1-15)</sub> : 93
MR 0.54
MDER 0.49

## Optical

flood
beam angle 39°
P <sub>stLM</sub> ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM
system 25.3 W
inset 22.7 W
650 mA
PC2 220-240V
system 123 lm/W <sup>3</sup>
inset 137 lm/W <sup>4</sup>

## Physical

diameter 118 mm
height 99 mm
0.1 kg

## Cutout

diameter 108 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 160 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

