

# TWIST 100 trim 2 lamps

048-1121018S 048-2798317 002-90780



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

Notes \_\_\_\_\_

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



## General

Ceiling , Recessed  
 tilt max 45°  
 rotation 360°  
 black , RAL 9005 <sup>1</sup>  
 Mounting set traffic white  
 front IP20 , back IP20  
 6200 lm  
 fixture 136 lm/W<sup>2</sup>

## LED

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

## Optical

spot  
 beam angle 20°  
 PstLM ≤ 1.0 <sup>3</sup>  
 SVM ≤ 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  
 0.44 kg

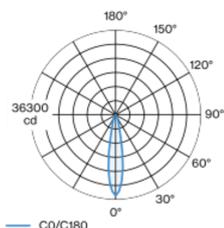
## Cutout

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)

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 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 20° 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;

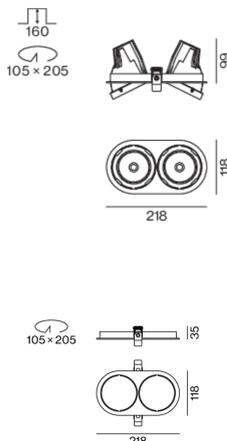
## Light distribution



spot 20°

h (m)	E0° (lx)	ø (m)
1	17300	0.34
2	4300	0.69
3	1900	1.03
4	1100	1.38
5	700	1.72

## Product drawing



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**Installation  
instructions**



**Lighting  
calculator**

