

BO 45  
intrack 3 lamps  
180-725053XS



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

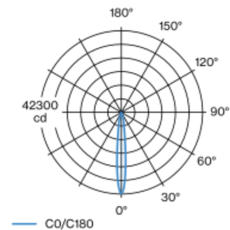
Notes \_\_\_\_\_

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



Tracked spotlight in die-cast aluminium with 3-phase adapter; classic style in elegant design for discerning requirements; 3 lamps; cylindrical spotlight heads; surface special colours powder coated; spotlight head 360° rotatable and 90° tiltable; converter integrated in the power track adapter; 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 ≤ 3 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

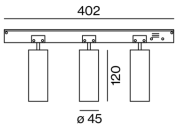
Light distribution



spot 12°

h (m)	EO° (lx)	ø (m)
1	14000	0.21
2	3500	0.42
3	1600	0.63
4	900	0.84
5	600	1.06

Product drawing



General

Ceiling | Track \_\_\_\_\_

tilt max 90° \_\_\_\_\_

rotation 360° \_\_\_\_\_

special colours \_\_\_\_\_

IP20 \_\_\_\_\_

3330 lm \_\_\_\_\_

LED

3000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 100 | R<sub>f</sub>: 91 | R<sub>f(1-15)</sub>: 89 \_\_\_\_\_

MR 0.59 | MDER 0.53 \_\_\_\_\_

Optical

spot | beam angle 12° \_\_\_\_\_

PstLM ≤ 1.0<sup>1 2 3 4</sup> | SVM ≤ 0.4<sup>1 2 3 4</sup> \_\_\_\_\_

Electrical

DALI-2 | 1 DALI Addr. \_\_\_\_\_

PC2 | 220-240 V \_\_\_\_\_

system 45 W \_\_\_\_\_

system 74 lm/W<sup>5</sup> \_\_\_\_\_

Physical

diameter 45 mm | height 120 mm \_\_\_\_\_

<sup>1</sup> oval lens BO 45 007-1965880 <sup>2</sup> soft lens BO 45 007-1965980  
<sup>3</sup> wallwasher lens BO 45 007-1965780  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

Installation instructions



Lighting calculator

