

BO 32 intrack 1 lamp

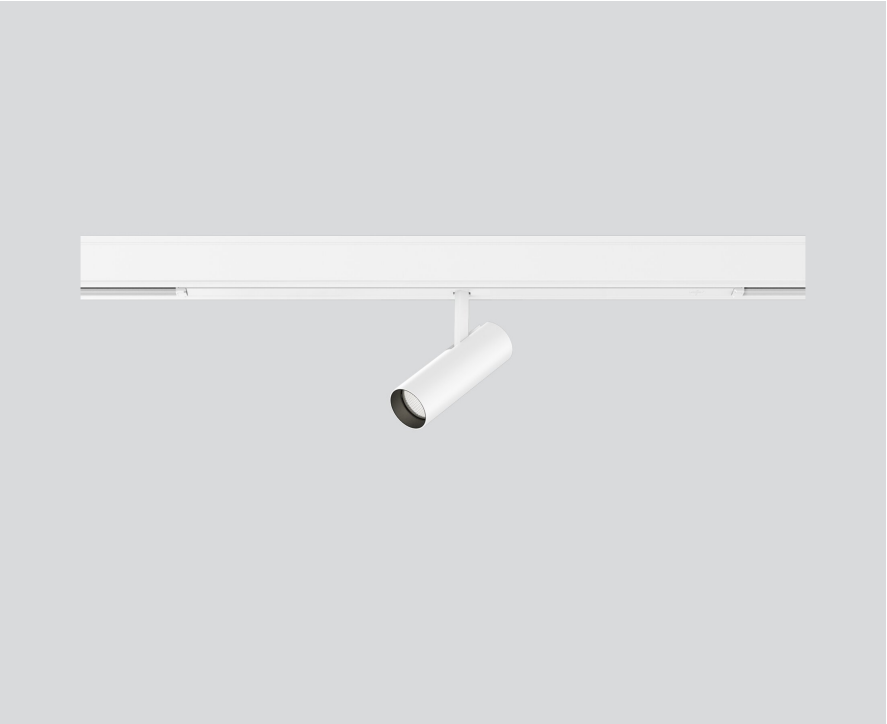
180-7130537S



Project / Type

Notes

Count / Date



Tracked spotlight in die-cast aluminium with 3-phase adapter; classic style in elegant design for discerning requirements; 1 lamp; cylindrical spotlight head; surface traffic white 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 ≤ 2 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 18° 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;



General

Ceiling | Track

tilt max 90°

rotation 360°

traffic white | RAL 9016

IP20

757 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{f(1-15)}: 87

MR 0.6 | MDER 0.54

Optical

spot | beam angle 18°

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 10.6 W

system 71 lm/W¹

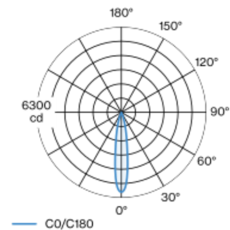
Physical

diameter 32 mm | height 100 mm

0.29 kg

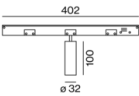
¹ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



spot 18°		
h (m)	E0° (lx)	ø (m)
1	5880	0.31
2	1470	0.62
3	650	0.92
4	370	1.23
5	240	1.54

Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Optical accessories

HONEYCOMB LOUVER

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for BO 32 JUST 32 MOVE IN 32 TARO 32 TILA 32	jet black	30	007-1965168



Optical accessories

OVAL LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32 MOVE IN 32	30	007-1965860



SOFT LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32 MOVE IN 32	30	007-1965960



WALLWASHER LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32 MOVE IN 32	30	007-1965760



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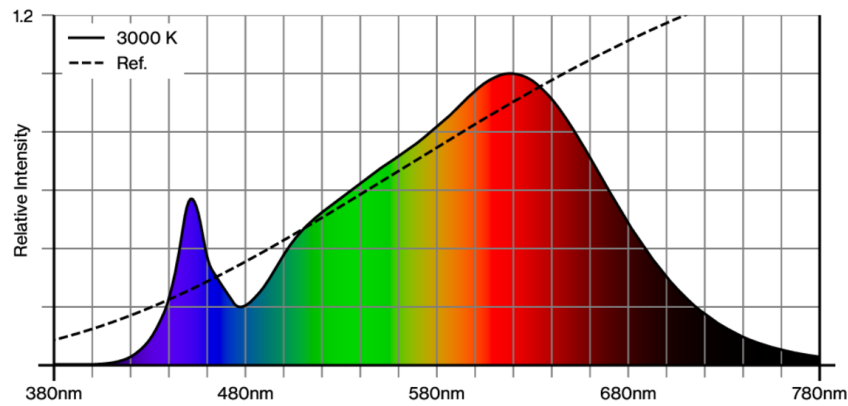


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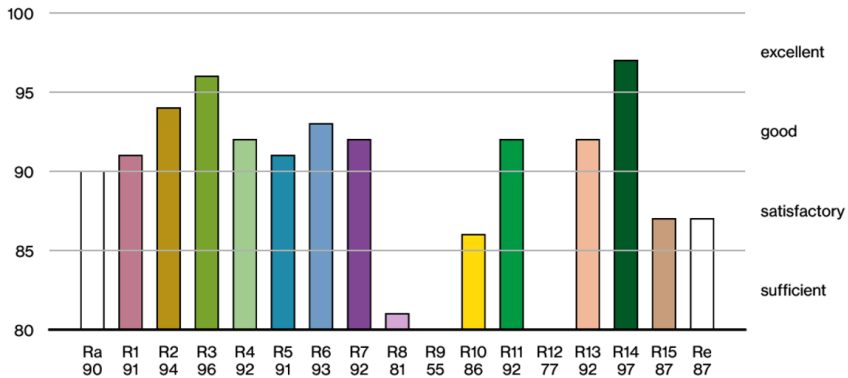
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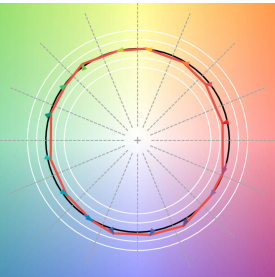
Colour rendering



CRI/R_a ≥ 91 R_e ≥ 87 (3000 K)



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.