



LED



Norms: EN 60598-1, EN 60598-2-1



IP 20

230V/50Hz



230V/50Hz

PRODUCT DESCRIPTION

Areas of Application: Commercial and Business areas, Public buildings, Housing, Offices, Hotel and Restaurant services, Art and Culture spaces.

Mounting: Track system.

Light Distribution: Direct.

Light Source: LED 4000K, CRI>80, 50.000h life (@L80, B10, Ta 25 C).

Optical System: Reflector: Polished aluminium.

Control Gear: LED driver, 220-240VAC-50/60Hz and track adapter.

Materials: Body: Extruded aluminium and steel sheet.

Surface Finish: Powder coated.

PB - Polished aluminium reflector | 25° Beam angle

	LAMP	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF
	LED	≤10	9	1000	104	94	94x205x307	1,1	90143.L109.E.0025
		≤10	14	1550	103	93	94x205x307	1,1	90143.L111.E.0025

PB - Polished aluminium reflector | 35° Beam angle

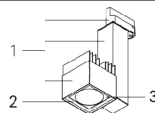
	LAMP	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF
	LED	≤16	9	1000	101	91	94x205x307	1,1	90143.L109.E.0035
		≤16	14	1550	100	90	94x205x307	1,1	90143.L111.E.0035

PB - Polished aluminium reflector | 60° Beam angle

	LAMP	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF
	LED	≤19	9	1000	101	91	94x205x307	1,1	90143.L109.E.0060
		≤19	14	1550	102	92	94x205x307	1,1	90143.L111.E.0060

COLOUR / FINISH

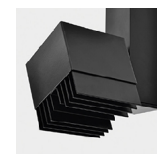
Code	Description
B/W/B	(1) Black / (2) White / (3) Black



Subtitle:
(1) Body colour finish
(2/3) Reflector colour finish

• The finish order code is based on two colours, where (1) is the body colour finish and (2/3) is the reflector colour finish.

DETAILS



Passive cooling

Example code for order: 90143.L109.E.0025 (HF) + W/W/B (COLOUR/FINISH) + 3000 (OPTIONS)

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.

OPTIONS

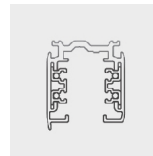
Colour temperature



3000K

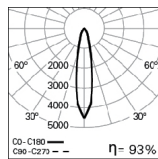
Order code
3000

Track system

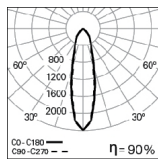


Option supplied under request.

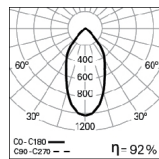
PHOTOMETRY



CUBER LED 14W
PB 4000K 25°



CUBER LED 14W
PB 4000K 35°



CUBER LED 14W
PB 4000K 60°

PERFORMANCE

Mounting height	Average illuminance	Beam diameter
0,5 m	28024 lux	0,17 m
1,0 m	7006 lux	0,34 m
1,5 m	3114 lux	0,51 m
2,0 m	1751 lux	0,68 m
2,5 m	1121 lux	0,85 m
3,0 m	778 lux	1,02 m

CUBER LED 14W
PB 4000K 25

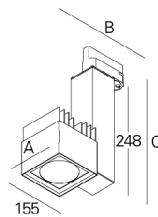
Mounting height	Average illuminance	Beam diameter
0,5 m	14843 lux	0,23 m
1,0 m	3711 lux	0,47 m
1,5 m	1649 lux	0,71 m
2,0 m	928 lux	0,95 m
2,5 m	584 lux	1,19 m
3,0 m	412 lux	1,43 m

CUBER LED 14W
PB 4000K 35

Mounting height	Average illuminance	Beam diameter
0,5 m	6351 lux	0,48 m
1,0 m	1588 lux	0,97 m
1,5 m	706 lux	1,46 m
2,0 m	397 lux	1,95 m
2,5 m	254 lux	2,44 m
3,0 m	176 lux	2,92 m

CUBER LED 14W
PB 4000K 60

DIMENSIONS



TO SPECIFY:

LED track spotlight. Aluminium body equipped with the latest LED technology and PB high performance aluminum reflectors with excellent reflection properties, beam angles of 25 , 35 or 60 . Multifunctional spotlight for precise and adjustable accent lighting. Standard total luminous flux of 1000 or 1550 lm, 4000K, CRI>90 and 50000h lifetime (@L80, B10, Ta 25 C) and passive cooling of the LED through improved heat sink. Optional 3000K. Spotlight body rotates 355 and tilts 90 . - as Indelague CUBER LED