

LED



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



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.

Optical System: Diffuser: Transparent tempered glass.
Reflector: Polished aluminium.

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

Materials: Body: Die cast aluminium.

Surface Finish: Powder coated.

PB - Polished aluminium reflector | 20° Beam angle

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	ORDER CODE
	≤13	24	3500	95	76	Ø121x259x258	2,1	90232.L124.E.0020
	≤13	27	4000	95	76	Ø121x259x258	2,1	90232.L127.E.0020
	≤13	33	4600	95	78	Ø121x259x258	2,1	90232.L133.E.0020

PB - Polished aluminium reflector | 40° Beam angle

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	ORDER CODE
	≤13	24	3500	95	76	Ø121x259x258	2,1	90232.L124.E.0040
	≤13	27	4000	95	76	Ø121x259x258	2,1	90232.L127.E.0040
	≤13	33	4600	95	78	Ø121x259x258	2,1	90232.L133.E.0040

COLOUR / FINISH

Code	Description
W	White (RAL 9016)
B	Black (RAL 9005)
G	Grey (RAL 9006)

OPTIONS

Code	Description
3000	Colour temperature 3000K.
CRI90	CRI > 90
--	Track system

DETAILS

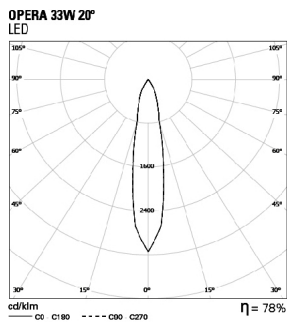


Passive cooling.

Example code for order: 90232.L124.E.0020 (ORDER CODE) + W (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%.

PHOTOMETRY

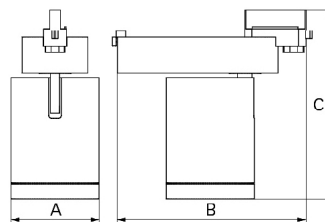


PERFORMANCE

OPERA 33W 20°
LED

Mounting Height	Average Illuminance	Beam Diameter
0,18 m	63362 lux	0,18 m
1,0 m	15841 lux	0,36 m
1,5 m	7040 lux	0,54 m
2,0 m	3960 lux	0,72 m
2,5 m	2534 lux	0,90 m
3,0 m	1760 lux	1,08 m

DIMENSIONS



TO SPECIFY:

LED spotlight for three circuit track, housing in die cast aluminium with integral LED driver and total luminous flux of 3500/4000/4600lm. 4000K colour temperature, CRI>80 and 50.000h life. Spotlight body swivels 355 and tilts 90 . Optional CRI >90, 3000K colour temperature - as Roxo Lighting OPERA.

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