

PureBeam12 / Display

Cutting edge sub-compact lighting system for display cabinets, featuring an ultra-high colour rendering LED chip (CRI95+, R9 90) housed in a tiny Ø12mm body. The design combines unique thermal design with an interchangeable lens system and a variety of fixing methods to provide reliable, precisely controlled lighting in a highly discreet package. Available with a range of beam angles and anti-glare snoot extensions that can be swapped in-situ without tools.

product details

Description:	Miniature display spotlight system for museum and retail applications
Mounting:	Direct mount to panel, wall or ceiling
Material:	Aluminium/brass/copper/steel/nylon/PMMA
Weight:	0.15kg (300mm)
Power supply:	Remote Class II SELV LED driver
Certification:	Luminaire - CE, LED driver - CE (UL Listed, CCC etc upon request)

technical specification

LED operating current:	350mA constant current
LED operating voltage:	2.8V
Total system power:	1W
Control:	Non-dimmable / DALI / 1-10V / Phase
Lifetime:	>54,000hours

optical specification

Total lumen output:	105lm
Luminous efficacy:	105lm/W (@ 350mA, 4000°K, excl driver)
Light output ratio:	88%
Beam angle (FWHM):	15° / 25° / 45° (other on request)
Colour temperature:	3000K / 4000K
CRI:	> 95 - R9 typ 90
MacAdam step:	3

finishes

Powder coated:	Matt silver / matt black / satin black RAL 9005 / white RAL9016 / bronze / other finishes on request
Plated:	Brushed stainless steel / brushed chrome / polished chrome / polished brass / brushed brass / antique bronze / other finishes on request

fixings

Panel mount:	W1 - Ø20mm surface washer with M8 allthread, locknut, washer W1/E2 - Ø20mm surface washer with M8 allthread, locknut, washer and Ø15mm collar (non-standard heights)
Surface mount:	F1/E2 - Ø40mm fixing plate with Ø15mm collar
Stem options:	Tall - Ø10mm stem. Specify total height required including spotlight head Wall - No stem, for direct mounting to cabinet

