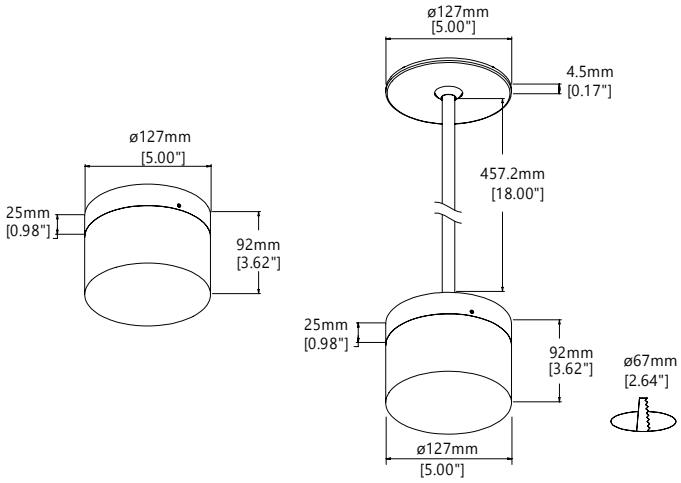
Specification sheet

REV.1

Penetrate 5" Round

Architectural Decorative Collection





Description

Perfect integration of light and shape creates crisp and minimalistic decorative lighting that delivers beautifully distributed general illumination. The surface mount(ceiling and wall mount) is rated with IP65 (stem pendant is rated with Damp location). This features with DIP switch driver to select the different lumen package to meet your lighting plan.

Electrical and Control

Input voltage	120V-277V
Control	TRIAC/ELV/0-10V Dimming, 50/60Hz (TRIAC/ ELV Dimming ON 120V ONLY)
Feature	Overload & short circuit protection

Features

LED	Bridgelux produced, Macron Property design/LED array
Color temperature	2700K/ 3000K/ 3500K/ 4000K / WD(1800-3000K)
Driver	0-10V/Phase in 1 driver, 120-277V input, Selectable output current

Construction

Material	Machined Acrylic and high purity die-casting
Finishes	WH / BK / BZ (power-coat)
Optics	Macron property design to provide smooth & even illumination

Performance

Delivered output	Up to >1000 lm (at high output current)
Power consumption	10 W
Color rendering	90+ CRI
Lumen maintenance	L80, B10 50,000 hrs

Rating/ Certification/ Warranty

- IP65 (Wall/Ceiling) rated for wet location, pendant for Damp location only
- RoHS compliant
- 5 years/ 50,000 hrs warranty

Ordering Code Information

PRODUCT	MOUNTING	DIFFUSER	COLOR TEMPERATURE	FINISH	DIMMING - INPUT VOLTAGE
PNT5R	W	CFAP	30	BK	3AE
Penetrate 5",Round	W (Wall Surface) S (Stem pendant)	CFAP (Clear Frosted Acrylic,Plain) CFAL (Clear Frosted Acrylic,linear)	27(2700K) 30(3000K) 35(3500K) 40(4000K) WD (Warm Dim 1800-3000K)pending	BK(Black) WH(White) BZ(Bronze)	3AE (120-277V, TRIAC/ELV/0-10V Dimming)

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Macron Associate
www.macrongroup.com
Modernize Luminary with LED

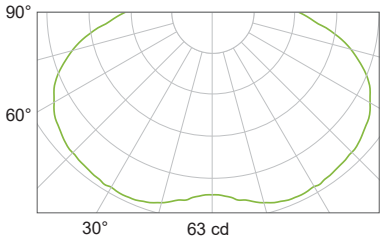
Photometrics

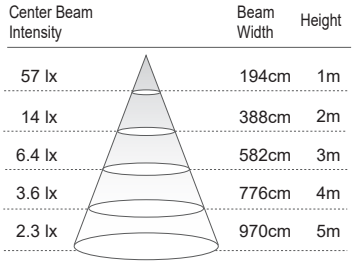
10W | 90CRI | 3000K | White body with Black trim

CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.96	1.0	1.04	1.08

Low / 100mA

Delivered Ourput : 326lm | CBCP : 57 cd | Beam Angle : 177°

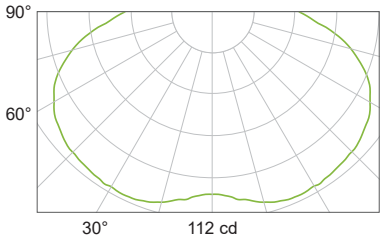


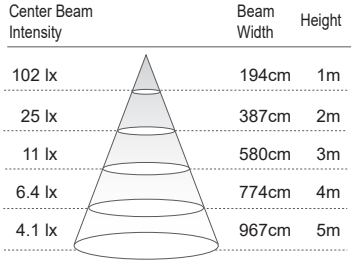


Center Beam Intensity	Beam Width	Height
57 lx	194cm	1m
14 lx	388cm	2m
6.4 lx	582cm	3m
3.6 lx	776cm	4m
2.3 lx	970cm	5m

Medium-1 / 175mA

Delivered Ourput : 577lm | CBCP : 100 cd | Beam Angle : 177°

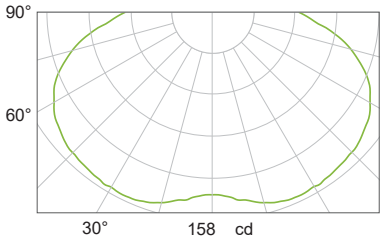


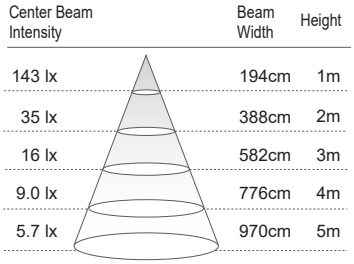


Center Beam Intensity	Beam Width	Height
102 lx	194cm	1m
25 lx	387cm	2m
11 lx	580cm	3m
6.4 lx	774cm	4m
4.1 lx	967cm	5m

Medium-2 / 250mA

Delivered Ourput : 815lm | CBCP : 141 cd | Beam Angle : 177°

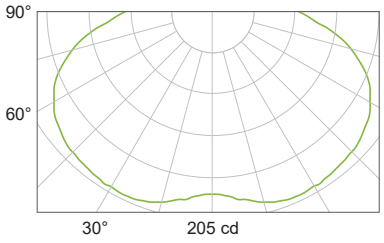


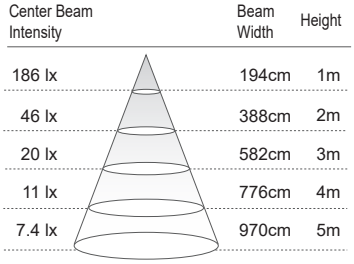


Center Beam Intensity	Beam Width	Height
143 lx	194cm	1m
35 lx	388cm	2m
16 lx	582cm	3m
9.0 lx	776cm	4m
5.7 lx	970cm	5m

High / 325mA

Delivered Ourput : 1056lm | CBCP : 183 cd | Beam Angle : 177°





Center Beam Intensity	Beam Width	Height
186 lx	194cm	1m
46 lx	388cm	2m
20 lx	582cm	3m
11 lx	776cm	4m
7.4 lx	970cm	5m

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