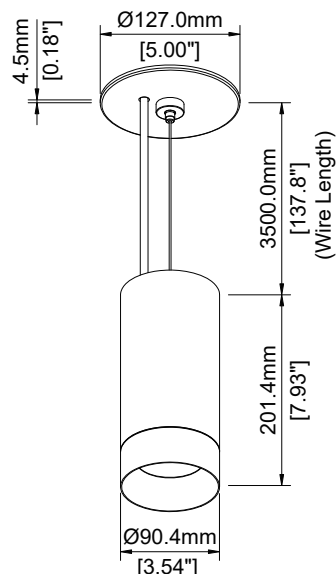


Specification sheet

REV.1

VAL100 CPRG 20
Pendant Cylinder, length 200mm



Description

VAL100 is a MACRON solution for high-performance cylinder applications. The 200 mm Glow version can drive upto 34W and deliver unmatched 2100 lm from a 3.5" (90 mm) aperture and unique uplight 460 lm. It is a perfect architectural lighting to bring direct and indirect lighting to your project. VAL100 also features integrated drivers with 3-in-1 dimming technology, that are best suitable for open-ceiling applications. Twist-lock installation mechanisms, best-in-class lighting quality, and sleek aesthetics and finishes are just some details that distinguishes MACRON philosophy from others. VAL family is designed to integrate and complement your architectural aspiration.

Features

LED	Lumiled Luxeon COB1205
Color temperature	2700K/ 3000K/ 3500K/ 4000K
Optics	Spot 20° / Medium 25° / Wide 34° / Flood 55° UP Flood 55°
Driver	Integrated class 2 driver, power factor >0.90 Tri-dimmable, TRIAC/ELV/0-10V

Performance

Delivered output	Down 2112 lm / Up 465 lm (90°CRI)
Power consumption	34 W
Color rendering	90°CRI
CBCP	Spot 7804cd / Medium 5596cd / Wide 4730 cd / Flood 2518 cd UP Flood 150 cd
Lumen maintenance	L80, B10 50,000 hrs

Ordering Code Information

PRODUCT	SHAPE	MODE	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	INPUT / DIMMING
VAL 100 CP	R	G	20	30	WHBK	S	9	3AE
VAL 100 CP, Cylinder Cable Pendant	R (Round)	D (Direct) G (Glow)	20 (200 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	WHBK (White/Black) BKGD (Black/Gold) BKBK (Black/Black)	S (Spot / 20 deg.) M (Medium / 25 deg.) W (Wide / 34 deg.) F (Flood / 55 deg.)	8 (80 CRI+) 9 (90 CRI+)	3AE (120-277V, TRIAC/ELV/0-10V Dimming)

Electrical and Control

Input voltage	120V-277V
Control	TRIAC/ELV/0-10V Dimming
Feature	Overload & short circuit protection

Construction

Material	Casting & Extrusion grade Aluminum Alloy
Finishes	Black body with gold trim/ Black body with black trim/ White body with black trim
Optics	Field Interchangeable optics

Rating/ Certification/ Warranty

- Dry and damp Locations
- RoHS compliant
- 5 years/ 50,000 hrs warranty

Specification sheet

REV.1

VAL100 CPRG 20
Pendant Cylinder, length 200mm

Photometrics

34W | 90CRI | 3000K | White body with Black trim

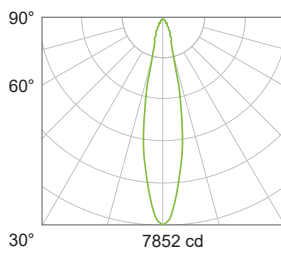
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

CCT	2700K-80+	3000K-80+	3500K-80+	4000K-80+
Factors	1.11	1.16	1.18	1.21

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

Down Spot 20°

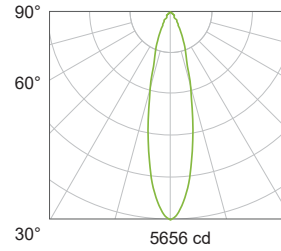
Delivered Ourput : 1937 lm | CBCP : 7804cd | Beam Angle : 20°



Center Beam Intensity	Beam Width	Height
7838 lx	39cm	1m
1959 lx	79cm	2m
871 lx	118cm	3m
490 lx	157cm	4m
314 lx	197cm	5m

Down Medium 25°

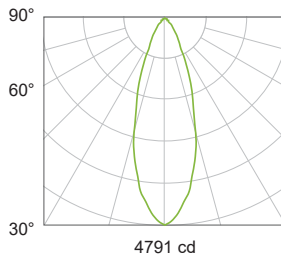
Delivered Ourput : 1953 lm | CBCP : 5596 cd | Beam Angle : 25°



Center Beam Intensity	Beam Width	Height
5646 lx	49cm	1m
1412 lx	97cm	2m
627 lx	146cm	3m
353 lx	194cm	4m
226 lx	243cm	5m

Down Wide 32°

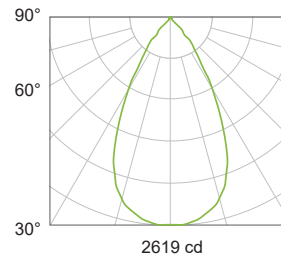
Delivered Ourput : 1985 lm | CBCP : 4730cd | Beam Angle : 32°



Center Beam Intensity	Beam Width	Height
4782 lx	58cm	1m
1196 lx	116cm	2m
531 lx	174cm	3m
299 lx	232cm	4m
191 lx	289cm	5m

Down Flood 55°

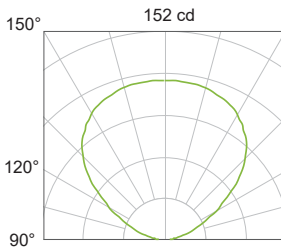
Delivered Ourput : 2112 lm | CBCP : 2518 cd | Beam Angle : 55°



Center Beam Intensity	Beam Width	Height
2578 lx	106 cm	1m
645 lx	212 cm	2m
287 lx	318 cm	3m
161 lx	424 cm	4m
103 lx	530 cm	5m

Up Flood 115°

Delivered Ourput : 465 lm | CBCP : 150 cd | Beam Angle : 115°



Center Beam Intensity	Beam Width	Height
6 lx	1597cm	5m
10 lx	1277cm	4m
17 lx	958cm	3m
38 lx	639cm	2m
152 lx	319cm	1m

Optional Accessory

Product

VAL 100

VAL 100

ACC.

HCL

HCL
Honey Comb Louver

