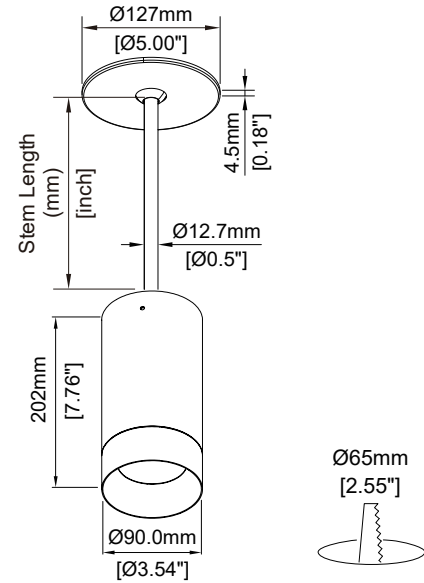


# Specification sheet

REV.1

# VAL 100 CS D/G 20

Cylinder Stem Mount



## Description

VAL100 is a MACRON solution for high-performance cylinder applications. The 200 mm version can drive upto 35W and deliver unmatched 2100 lm from a 3.5" (90 mm) aperture. 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

<b>LED</b>	Lumiled Luxeon COB1205
<b>Color temperature</b>	2700K/ 3000K/ 3500K/ 4000K / WD(1800-3000K)
<b>Optics</b>	Spot 20° / Medium 25° / Wide 34° / Flood 55°
<b>Driver</b>	Integrated class 2 driver, power factor >0.90 Output current 700mA

## Performance

<b>Delivered output</b>	Up to 2528 lm (Down) / Up to 465 lm (Up)
<b>Power consumption</b>	35 W
<b>Color rendering</b>	90+ CRI
<b>CBCP</b>	Spot 7804 cd / Medium 5595 cd / Wide 4730 cd Flood 2962 cd / Up Flood 150 cd
<b>Lumen maintenance</b>	L80, B10 50,000 hrs

## Ordering Code Information

PRODUCT	MODE	LENGTH	STEM LENGTH	COLOR TEMPERATURE	FINISH OF BODY	BEAM ANGLE	COLOR RENDERING	INPUT / DIMMING	BEZEL STYLE
VAL 100 CS	D	20	12	27	WH	S	9	3AE	STWH
VAL 100 Cylinder, Stem Mount	D (Direct) G (Glow)	20 (200 mm)	12" 24" 48"	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD (Warm Dim 1800-3000K)	WH (White) BK (Black) BP (Brushed Pewter) BC (Brushed Copper) SN (Satin Nickel)	S (Spot / 20 deg.) M (Medium / 25 deg.) W (Wide / 34 deg.) F (Flood / 55 deg.) G ( Up Flood / 112 deg.)	9 (90 CRI+)	3AE (120-277V, TRIAC/ELV/0-10V Dimming)	ST WH WHB BK BKG DA Clear Acrylic WW Wall Wash 6 6"Metal Shade

## Electrical and Control

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

## Construction

<b>Material</b>	Casting & Extrusion grade Aluminum Alloy
<b>Finishes</b>	WH / BK / BP / BC / SN
<b>Optics</b>	Field Interchangeable optics

## Rating/ Certification/ Warranty

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

# Specification sheet

REV.1

VAL 100 CS D/G 20

Cylinder Stem Mount

## Photometrics

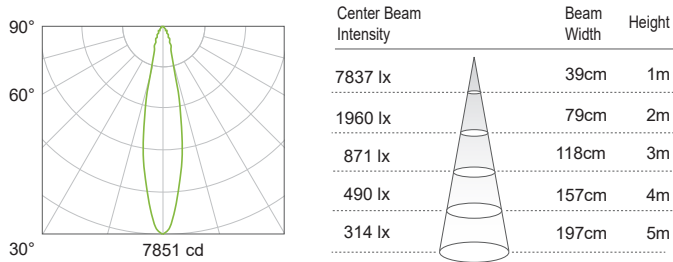
35W | 90CRI | 3000K | White body with Black trim

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

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

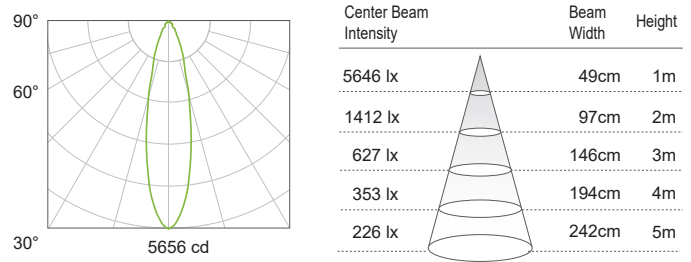
### Spot 20°

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



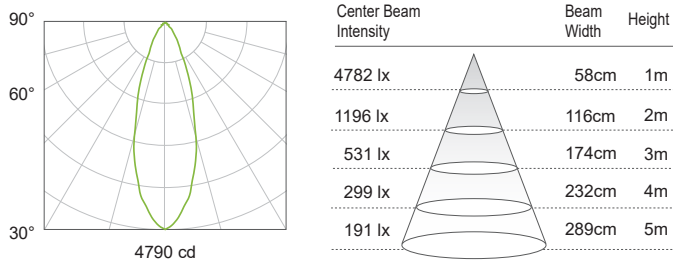
### Medium 25°

Delivered Output : 1952 lm | CBCP : 5595 cd | Beam Angle : 25°



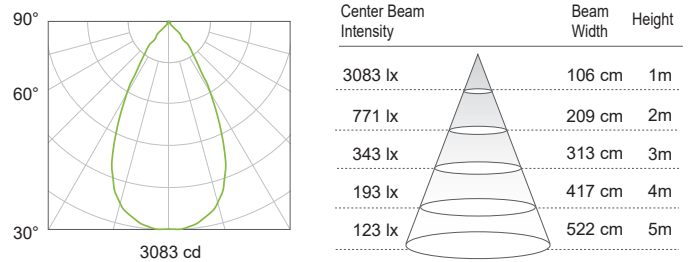
### Wide 34°

Delivered Output : 1985lm | CBCP : 4730 cd | Beam Angle : 34°



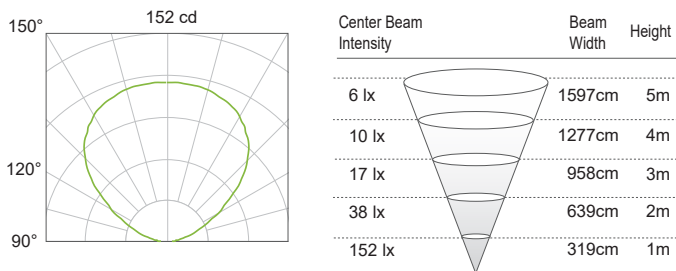
### Flood 55°

Delivered Output : 2528 lm | CBCP : 2962 cd | Beam Angle : 55°



### Up Flood 112°

Delivered Output : 465 lm | CBCP : 150 cd | Beam Angle : 112°



## Optional Accessory

BEZEL STYLE

DA

DA Clear Acrylic



BEZEL STYLE

WW

WW Wall Wash



BEZEL STYLE

6

6" Metal Shade

