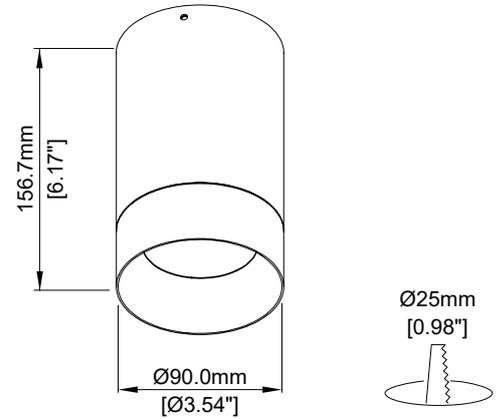


# Specification sheet

REV.1

VAL 100 CY 15  
Surface Cylinder, spot, length 150mm



## Description

VAL100 is a MACRON solution for high-performance cylinder applications. The 150 mm version can drive upto 21W and deliver unmatched 1800 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 500mA

## Performance

<b>Delivered output</b>	Up to 1780 lm(90+ CRI)
<b>Power consumption</b>	21 W
<b>Color rendering</b>	90+ CRI
<b>CBCP</b>	Spot 6604cd / Medium 4501 cd / Wide 3540 cd / Flood 1772 cd
<b>Lumen maintenance</b>	L80,B10 50,000 hrs

## Ordering Code Information

PRODUCT	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	INPUT / DIMMING	STWH	
VAL 100 CY	15	27	WH	S	9	3AE	ST	WH
VAL100 CY, Cylinder Surface Mount	15 (150 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD(1800-3000K)	WH (White) BK (Black) BP (Brushed Pewter) BC (Brushed Copper) SN (Satin Nickel)	S (Spot / 20 deg.) M (Medium / 25deg.) W (Wide / 34deg.) F (Flood / 55 deg.)	9 (90 CRI+)	3AE (120-277V, TRIAC/ELV/0-10V Dimming)	ST WW 6	WH WHB BK BKG Clear Acrylic Wall Wash 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 CY 15  
Surface Cylinder, spot, length 150mm

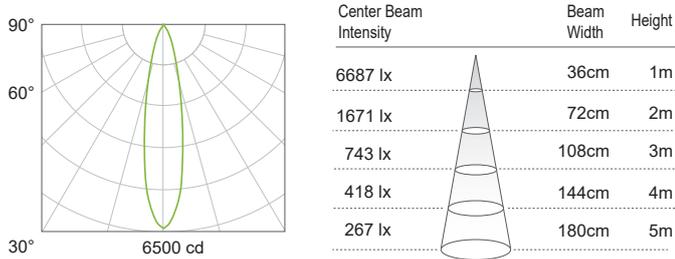
## Photometrics

21W | 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

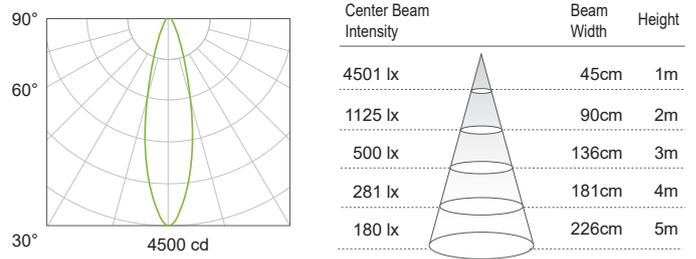
### Spot 20°

Delivered Ourput : 1527 lm | CBCP : 6604 cd | Beam Angle : 20°



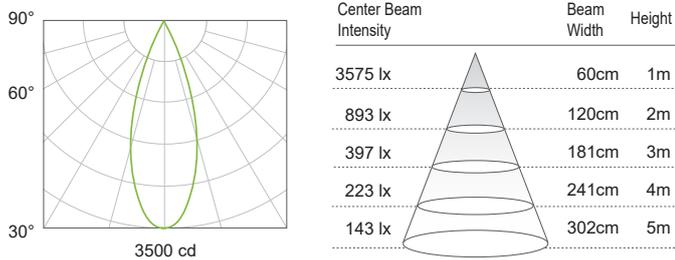
### Medium 25°

Delivered Ourput : 1517 lm | CBCP : 4501 cd | Beam Angle : 25°



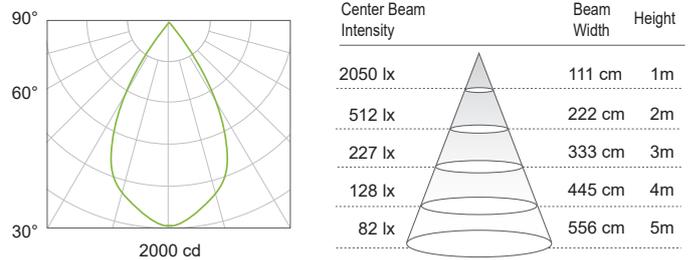
### Wide34°

Delivered Ourput : 1564 lm | CBCP : 3540cd | Beam Angle : 34°

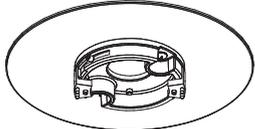


### Flood 55°

Delivered Ourput : 1772 lm | CBCP : 2048 cd | Beam Angle : 55°



## Optional Accessory

<p>ACC.</p> <p><b>CL</b></p> <p>CL Clear Lens</p> 	<p>ACC.</p> <p><b>HCL</b></p> <p>HCL Honey Comb Louver</p> 	<p>Canopy size</p> <p><b>5-2 PL</b></p> <p>5-2 PL 5"-2" conversion canopy kit</p>	<p>FINISH</p> <p><b>WH</b></p> <p>WH White BK Black</p> 
<p>BEZEL STYLE</p> <p><b>DA</b></p> <p>DA Clear Acrylic</p> 	<p>BEZEL STYLE</p> <p><b>WW</b></p> <p>WW Wall Wash</p> 	<p>BEZEL STYLE</p> <p><b>6</b></p> <p>6" Metal Shade</p> 	