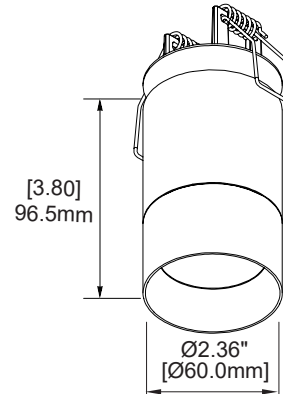


# Specification sheet

REV.4

VAL 55 CA RS 10

Adjustable Cylinder Recessed Spot 100 mm



## Description

VAL SS features remote drivers with 3-in-1 dimming technology, twist-lock installation mechanism, best-in-class light quality, aesthetic proportions and many more. VAL is designed to integrate with architectural space with clean and distinct outline that complement architectural aspiration.

## Features

<b>LED</b>	Lumiled Luxeon COB1203
<b>Color temperature</b>	2700K/ 3000K/ 3500K/ 4000K
<b>Optics</b>	Spot 22° / Medium 30° / Wide 40° / Flood 56°
<b>Driver</b>	Remote class 2 driver, power factor >0.90

## Performance

<b>Delivered output</b>	Up to 1100 lm(90+ CRI)
<b>Power consumption</b>	12.5 W max
<b>Color rendering</b>	90+ CRI
<b>CBCP</b>	Spot 2990 cd / Medium 1945 cd / Wide 1359 cd / Flood 1021 cd
<b>Lumen maintenance</b>	L80 B10 50,000 hrs

## Ordering Code Information

PRODUCT	MOUNTING TYPE	SHAPE	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING
<b>VAL 55 CA</b>	<b>RS</b>	<b>R</b>	<b>10</b>	<b>27</b>	<b>WHBK</b>	<b>S</b>	<b>9</b>
VAL 55 CA, Surface Adjustable Cylinder	Recessed spot	R (Round)	10 (100 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	WHBK (White/Black) BKGD (Black/Gold) BKBK (Black/Black)	S (Spot / 22 deg.) M (Medium / 30 deg.) W (Wide / 40 deg.) F (Flood / 56 deg.)	9 (90 CRI+)

## Electrical and Control

<b>Input voltage</b>	See the ordering code
<b>Control</b>	TRIAC/ELV/0-10V Dimming
<b>Feature</b>	Overload & short circuit protection

## Construction

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

## Rating/ Certification/ Warranty

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

# Specification sheet

REV.4

VAL 55 CA RS 10

Adjustable Cylinder Recessed Spot 100 mm

## Recommend LED Driver:

Driver No.	Input Voltage	Dimming	Note
DE-1-250-10	120V	TRIAC/ELV	
DA-1-250-10	120-277V	0-10 V	

## Photometrics

12.5W max | 90CRI | 3000K | White body with Black trim

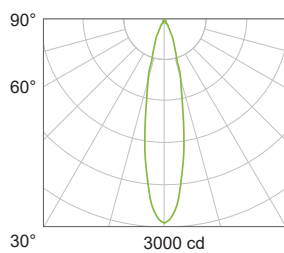
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

CCT	2700K-80+	3000K-80+	3500K-80+	4000K-80+
Factors	1.12	1.15	1.17	1.22

CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.97	1.0	1.04	1.04

### Spot 22°

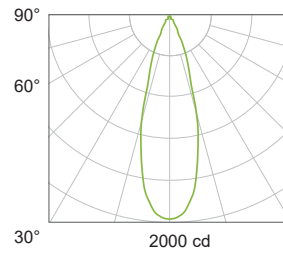
Delivered Ourput : 719 lm | CBCP : 2990 cd | Beam Angle : 22°



Center Beam Intensity	Beam Width	Height
2990 lx	38cm	1m
797 lx	76cm	2m
355 lx	115cm	3m
199 lx	153cm	4m
127 lx	191cm	5m

### Medium 30°

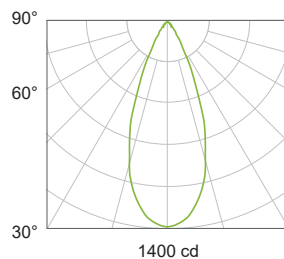
Delivered Ourput : 661 lm | CBCP : 1945 cd | Beam Angle : 30°



Center Beam Intensity	Beam Width	Height
1946 lx	55cm	1m
518 lx	110cm	2m
230 lx	165cm	3m
130 lx	220cm	4m
81 lx	275cm	5m

### Wide 40°

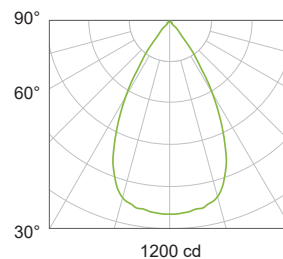
Delivered Ourput : 667 lm | CBCP : 1359 cd | Beam Angle : 40°



Center Beam Intensity	Beam Width	Height
1359 lx	74cm	1m
350 lx	149cm	2m
155 lx	224cm	3m
87 lx	298cm	4m
56 lx	375cm	5m

### Wide 56°

Delivered Ourput : 812 lm | CBCP : 1021 cd | Beam Angle : 56°



Center Beam Intensity	Beam Width	Height
1021 lx	107 cm	1m
255 lx	213 cm	2m
113 lx	320 cm	3m
64 lx	427 cm	4m
41 lx	533 cm	5m

## Optional Accessory

Product	ACC.
VAL 55	HCL
VAL 55	HCL Honey Comb Louver

