

Vaya Cove, White & Mono

Philips Vaya Cove is an economical and effective light fixture providing white or mono color light for interior use. Vaya Cove is designed for cove and accent lighting applications. Three lengths, two white CCTs, mono colors, and standard 24V DC power makes this product versatile and easy to use.



Key Features

- Economical and effective LED lighting fixture
- Available in standard 3000K and 4000K
- Custom options: 2700K, 5000K, Red, Green, Blue, Amber
- 120° Beam Angle
- Low Voltage, 24V DC input power
- Interior use

Product Data

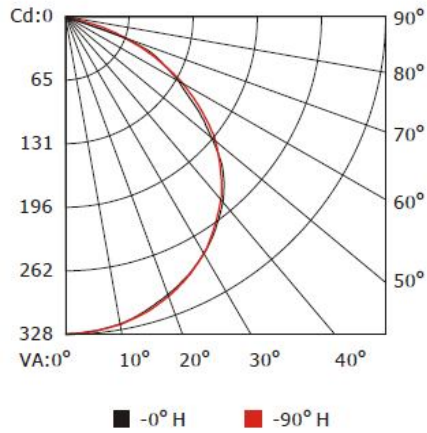
Height	0.86 in (22 mm) (including surface mount clip)		
Width	1.25 in (32 mm) (including surface mount clip)		
Lengths	0.3 m (11.8 in)	0.59 m (23 in)	1.16m (45.5 in)
Mounting	Removable mounting clips for flush mounting		
Source	High-brightness White, Red, Green, Blue or Amber LEDs		
Beam Angle	120°		
Luminous Flux	215 lm	430 lm	860 lm
CRI	80 Ra		
Efficacy	4000K: 57 Lumens / Watt		
Lumen Maintenance	White: 50,000 hrs L ₇₀ at 25°C Mono: 50,000 hrs L ₅₀ at 25°C		
Housing / Lens	Extruded polycarbonate, white housing with clear lens		
Weight	90 g (0.2 lbs)	180 g (0.4 lbs)	360 g (0.8 lbs)
Leader Cables	White, 2 m (6.5 ft) and 8 m (25 ft)		
Jumper Cables (required)	White, 24 mm (1 in), 0.3 m (12 in) and 1.5 m (59 in)		
Control	Not Dimmable		
Input Power	24V DC		
Power Consumption	White: 3.75 W Mono: 1.2 W	White: 7.5 W Mono: 2.4 W	White: 15 W Mono: 4.8 W
Temperature Range	-20°C to 40°C (-4°F to 104°F) operating temperature		
Protection Rating	IP20, Interior applications		
Certifications	UL / cUL, FCC Class A, CE, CB, SAA, C-Tick		

Data sheet

Photometrics (Per IESNA LM-79):

Vaya Cove, 45.5 In., 3000K

Polar Candela Distribution



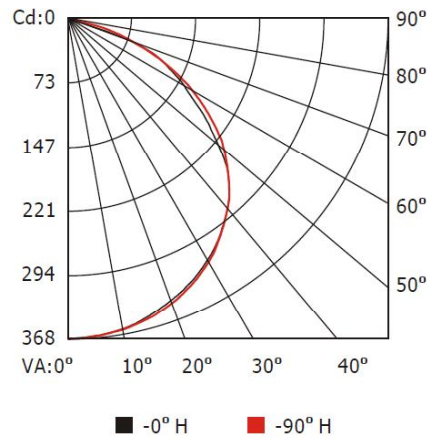
Zonal Lumen Summary

Zone	Lumens	Luminaire
0-30	254	29.6%
0-40	415	48.5%
0-60	718	83.8%
60-90	139	16.2%
0-90	857	100%
90-180	0	0%
0-180	857	100%

Efficiency=59.6Lm/W

Vaya Cove, 45.5 in., 4000K

Polar Candela Distribution

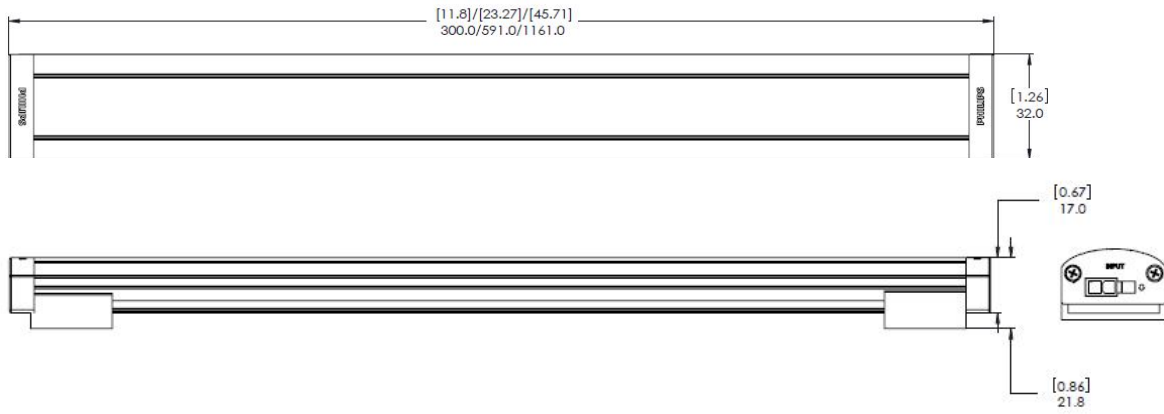


Zonal Lumen Summary

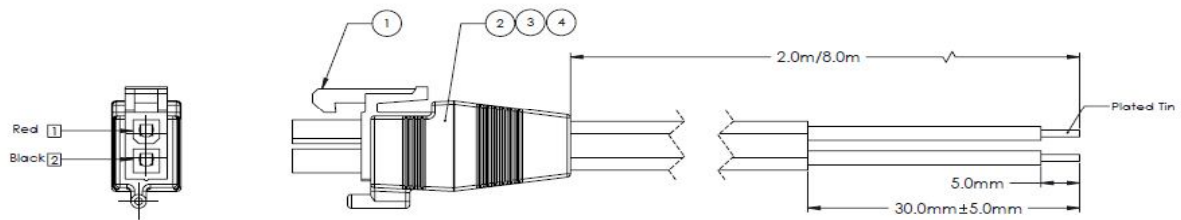
Zone	Lumens	Luminaire
0-30	286	29.3%
0-40	469	48.1%
0-60	815	83.5%
60-90	160	16.5%
0-90	975	100%
90-180	0	0%
0-180	975	100%

Efficiency=67.2Lm/W

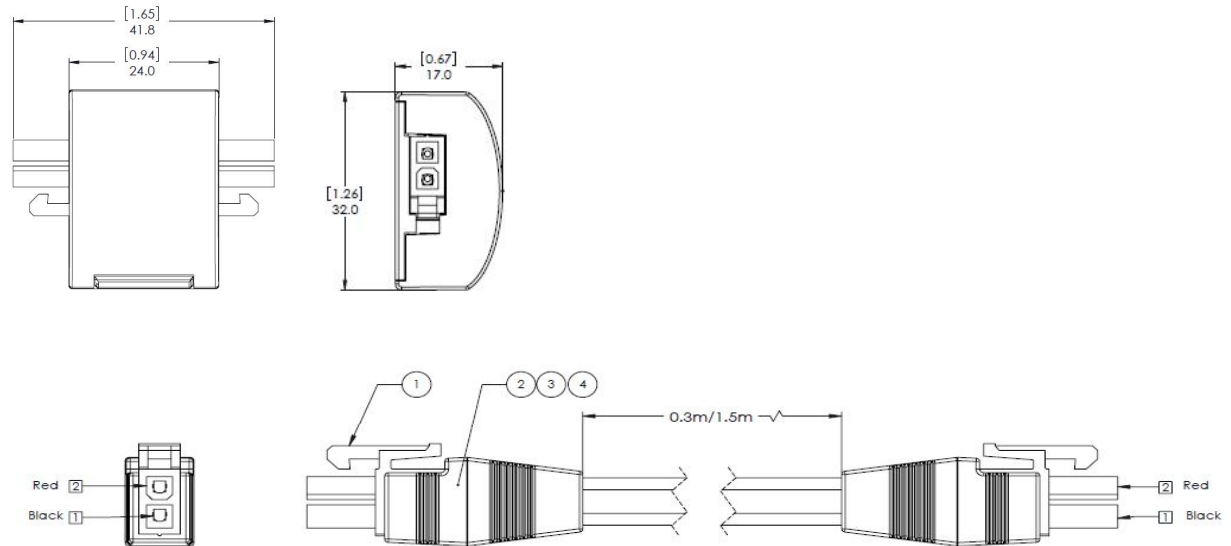
Light Fixture Dimensions:



Power Leader Cable Dimensions:



Power Jumper Cable Dimensions:



Maximum Connected Lengths¹

Fixture Type	Power Supply Wattage (24V DC)	Max. Number of 0.3 m Fixtures	Max. Number of 0.6 m Fixtures	Max. Number of 1.2 m Fixtures
White	100W	20	10	5
Mono	100W	53	27	13

1. Maximum connected lengths assume little or no voltage drop in power leader and jumper cables. For installations with long leader and jumpers, wire should be sized to prevent voltage drop and fixture count should be reduced.

Recommended Power Supplies:

Philips Xitanium

Wattage	Input Voltage	Philips 12 NC	Item Number
100W	100-240V	9137 006 21091	
100W	120-277V	9137 102 99702	309-000001-00

NEMA 3R Enclosure

Item Name	Description	Philips 12NC	CK Item Number
ACCESSORY, POWER SUPPLY ENCLOSURE (NEMA3R, 15x3)	Electrical Enclosure compliant to NEMA3R and UL-outdoor ratings, 15"x3"	913710841202	320-000001-00 (US and Canada only)

Ordering Codes:

CCT	Length	Philips 12NC	Item Number	Certification
3000K	0.3 m (11.8 in)	910503702125	350-000004-06	UL/cUL, CE
3000K	0.59 m (23.0 in)	910503702126	350-000004-07	UL/cUL, CE
3000K	1.16 m (45.5 in)	910503702127	350-000004-08	UL/cUL, CE
4000K	0.3 m (11.8 in)	910503702197	350-000004-09	UL/cUL, CE
4000K	0.59 m (23.0 in)	910503702198	350-000004-10	UL/cUL, CE
4000K	1.16 m (45.5 in)	910503702199	350-000004-11	UL/cUL, CE

Product	Length	Philips 12NC	Item Number	Certification
Leader Cable	2 m (6.5 ft)	910503702271	308-000001-01	UL/cUL, CE
Leader Cable	8 m (25 ft)	910503702270	308-000001-00	UL/cUL, CE
End-to-End Connector	24 mm (1 in)	910503702278	308-000001-08	UL/cUL, CE
Jumper Cable	0.3 m (12 in)	910503702274	308-000001-04	UL/cUL, CE
Jumper Cable	1.5 m (59 in)	910503702275	308-000001-05	UL/cUL, CE

¹Custom options include 2700K, 5000K, Red, Green, Blue, Amber versions.

CCT	Length	Philips 12NC	Item Number	Certification
2700K	0.3 m (11.8 in)	910503703210	350-000004-21	UL/cUL, CE
2700K	0.59 m (23.0 in)	910503703211	350-000004-22	UL/cUL, CE
2700K	1.16 m (45.5 in)	910503703212	350-000004-23	UL/cUL, CE
5000K	0.3 m (11.8 in)	910503702201	350-000004-12	UL/cUL, CE
5000K	0.59 m (23.0 in)	910503702202	350-000004-13	UL/cUL, CE
5000K	1.16 m (45.5 in)	910503702203	350-000004-14	UL/cUL, CE
Red	0.3 m (11.8 in)	910503702165	325-000004-00	UL/cUL, CE, CQC
Red	0.59 m (23.0 in)	910503702166	325-000004-01	UL/cUL, CE, CQC
Red	1.16 m (45.5 in)	910503702167	325-000004-02	UL/cUL, CE, CQC
Green	0.3 m (11.8 in)	910503702171	325-000004-06	UL/cUL, CE, CQC
Green	0.59 m (23.0 in)	910503702172	325-000004-07	UL/cUL, CE, CQC
Green	1.16 m (45.5 in)	910503702173	325-000004-08	UL/cUL, CE, CQC
Blue	0.3 m (11.8 in)	910503702168	325-000004-03	UL/cUL, CE, CQC
Blue	0.59 m (23.0 in)	910503702169	325-000004-04	UL/cUL, CE, CQC
Blue	1.16 m (45.5 in)	910503702170	325-000004-05	UL/cUL, CE, CQC
Amber	0.3 m (11.8 in)	910503702174	325-000004-09	UL/cUL, CE, CQC
Amber	0.59 m (23.0 in)	910503702175	325-000004-10	UL/cUL, CE, CQC
Amber	1.16 m (45.5 in)	910503702176	325-000004-11	UL/cUL, CE, CQC