

Vaya Flood HP, RGB

Vaya Flood HP is a reliable and cost effective high output color-changing light fixture, designed for spot lighting, wall washing, and flood lighting applications. The light levels achieved by this compact & light weight fixture make it ideal for illuminating large-scale exterior facades, bridges, and monuments. Integrated power and DMX-512 control make this product easy to use with Philips or third-party DMX controllers.



Key Features

- 10lx at 100m / 1fc at 328ft
- Compact size & light-weight
- Robust design & IP66 rating for outdoor use
- Available in standard 10° & 20°
- Auto-ranging 100-277V AC
- 3-Year Warranty

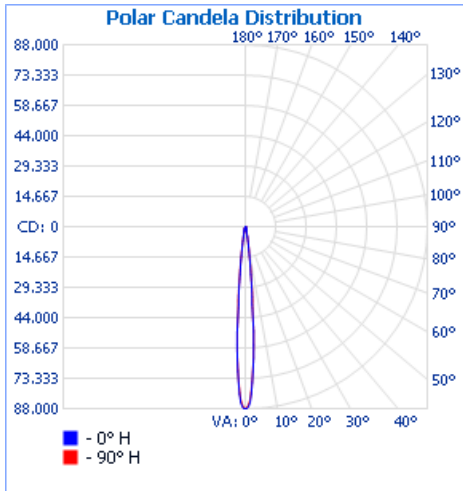
Product Data

Height	353 mm (13.9in), including surface mount base
Width	353 mm (13.9in)
Depth	108 mm (4.25in)
Mounting	Integrated tilting surface-mount base
Source	High-brightness Red, Green and Blue LEDs
Standard Beam Angles	10° or 20°
Output Luminous Flux	3,500 lumens all colors on full
Lumen Maintenance	50,000 hrs L ₅₀ at 25°C
Housing	Die Cast Aluminum, powder-coated finish RAL7043
Weight	7.5 kg (16.5 lbs)
Connector	3-conductor whip for power, 1.5m (5ft) long 2-pair twisted whip for data, 1.5m (5ft) long
Lens	Tempered glass
Control	DMX-512 control, 3 addresses per fixture
Input Voltage	100V – 277 VAC, 50 / 60Hz
Power Consumption	105W
Temperature Range	-20°C to 40°C (-4°F ~104°F) start-up temperature -40°C to 40°C (-40°F ~104°F) operating temperature
Protection Rating	IP66, Wet location listed, IK06
Certifications	UL / cUL, FCC Class A, CE, CB, CQC, PSE
Warranty	3 Years

Photometrics (Per IESNA LM-79):

Vaya Flood HP RGB, 10deg

Polar Candela Distribution



Illuminance at a Distance

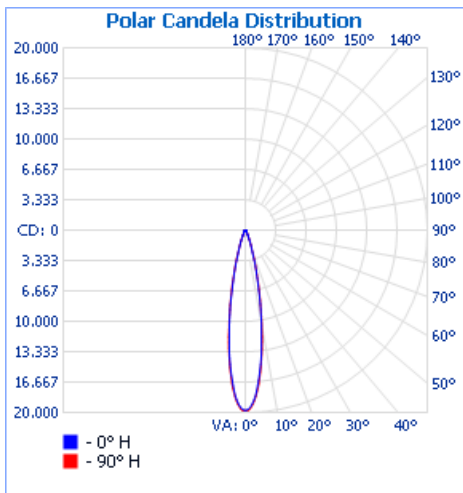
	Illuminance at a Distance	
	Center Beam LUX	Beam Width
8.3M	1,266.55 LUX	1.4M 1.4M
16.7M	316.64 LUX	2.7M 2.8M
25.0M	140.73 LUX	4.1M 4.1M
33.3M	79.16 LUX	5.5M 5.5M
41.7M	50.66 LUX	6.8M 6.9M
50.0M	35.18 LUX	8.2M 8.3M

■ Vert. Spread: 9.4° ■ Horiz. Spread: 9.5°

10lx (1fc) maximum distance: 94m (308ft)

Vaya Flood HP RGB, 20deg

Polar Candela Distribution



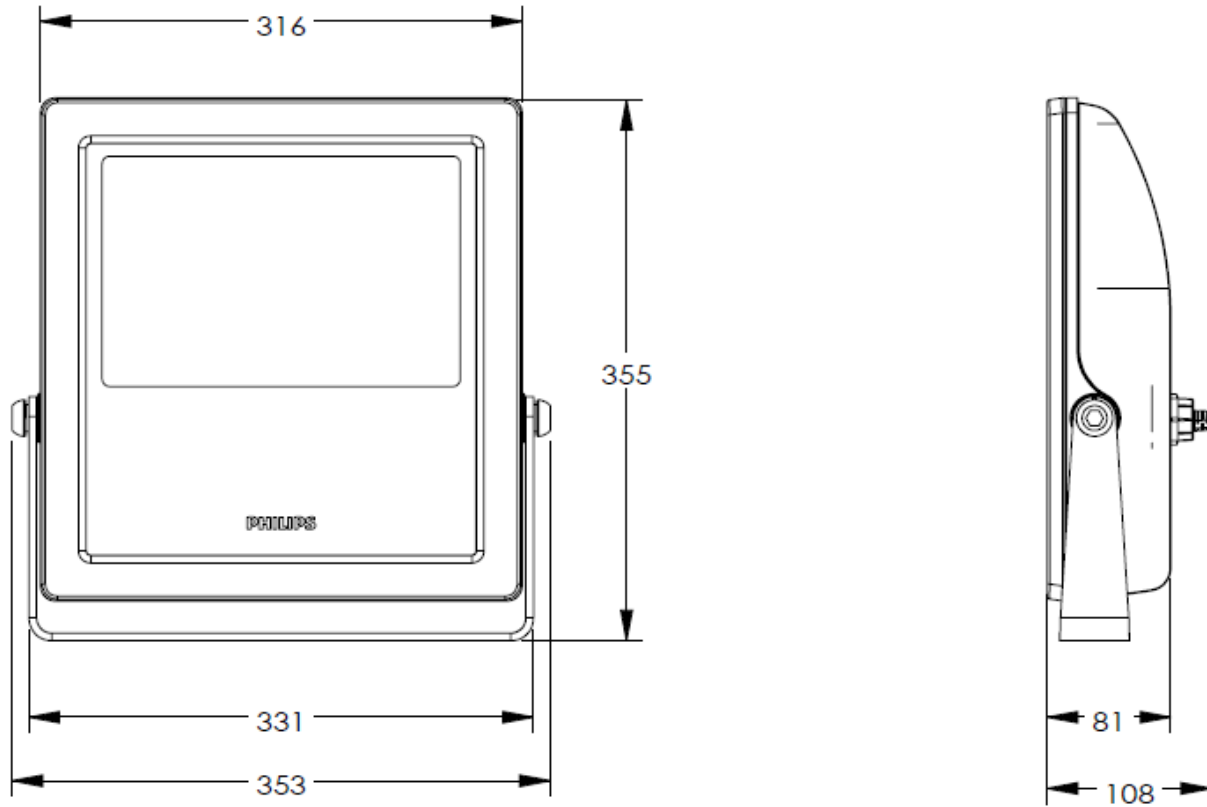
Illuminance at a Distance

	Illuminance at a Distance	
	Center Beam LUX	Beam Width
8.3M	284.53 LUX	3.0M 3.0M
16.7M	71.13 LUX	6.0M 6.1M
25.0M	31.61 LUX	8.9M 9.1M
33.3M	17.78 LUX	11.9M 12.2M
41.7M	11.38 LUX	14.9M 15.2M
50.0M	7.90 LUX	17.9M 18.3M

■ Vert. Spread: 20.3° ■ Horiz. Spread: 20.7°

10lx (1fc) maximum distance: 45m (147ft)

Dimensions:



Ordering Codes:

Product	Philips I2NC	Item Number	Beam Angle	Certification
Vaya Flood HP RGB	910503702884	316-000009-00	10°	CE / CQC / PSE
Vaya Flood HP RGB	910503702885	316-000009-01	20°	CE / CQC / PSE
Vaya Flood HP RGB	910503702886	316-000009-02	40°	CE / CQC / PSE
Vaya Flood HP RGB	910503702887	316-000009-03	10°	UL / cUL
Vaya Flood HP RGB	910503702888	316-000009-04	20°	UL / cUL
Vaya Flood HP RGB	910503702889	316-000009-05	40°	UL / cUL