

Vaya Flood MP G2, RGB

Vaya Flood MP (gen2) is a reliable and cost effective color-changing light fixture for both interior and exterior use. Designed for creating fixed or dynamic colorful lighting effects, Vaya Flood MP RGB is ideal for flood, wash and accent lighting applications. Integrated power and DMX-512 control make this product easy to use with Philips or third-party DMX controllers.



Key Features

- Die-cast aluminium housing & tempered glass
- IP66 rating for outdoor use
- Available with standard 20° or 40° beams
- Auto-ranging 100V – 240V 50 / 60Hz input
- DMX-512 control
- 3-Year Warranty

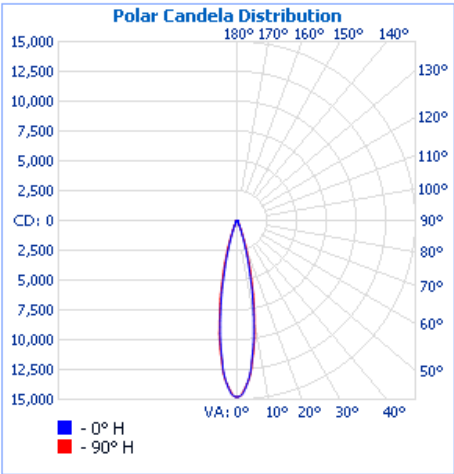
Product Data

Height	275 mm (10.8in), including surface mount base
Width	353 mm (13.9in)
Depth	90.6 mm (3.57in), excluding mounting base
Mounting	Integrated tilting surface-mount base
Source	High-brightness Red, Green and Blue LEDs
Standard Beam Angles	20° or 40°
Luminous Flux	2,480 lumens all colors on full
Lumen Maintenance	50,000 hrs L ₅₀ at 25°C
Housing	Die Cast Aluminum, powder-coated finish RAL7043
Weight	5.75 kg (12.7 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–240V AC, 50 / 60Hz
Power Consumption	72W
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, IK09
Certifications	UL / cUL, FCC Class A, CE, CB, CQC, PSE
Warranty	3 Years

Photometrics (Per IESNA LM-79):

Vaya Flood MP G2 RGB, 20deg

Polar Candela Distribution



Illuminance at a Distance

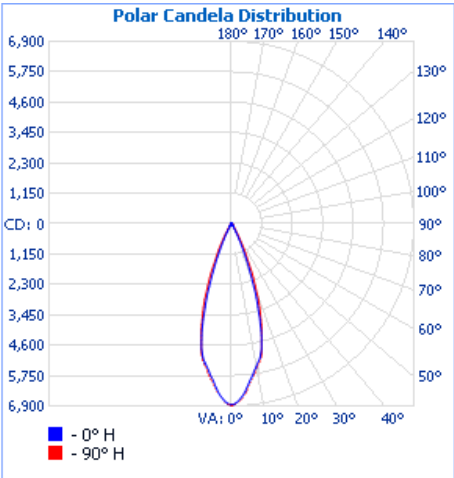
	Center Beam LUX	Beam Width	
8.33M	213 LUX	3.13 M	3.31 M
16.67M	53.3 LUX	6.26 M	6.62 M
25.00M	23.7 LUX	9.40 M	9.93 M
33.33M	13.3 LUX	12.53 M	13.24 M
41.67M	8.52 LUX	15.66 M	16.55 M
50.00M	5.92 LUX	18.79 M	19.86 M

■ Vert. Spread: 21.3°
■ Horiz. Spread: 22.5°

Im = 3.28ft

Vaya Flood MP G2 RGB, 40deg

Polar Candela Distribution



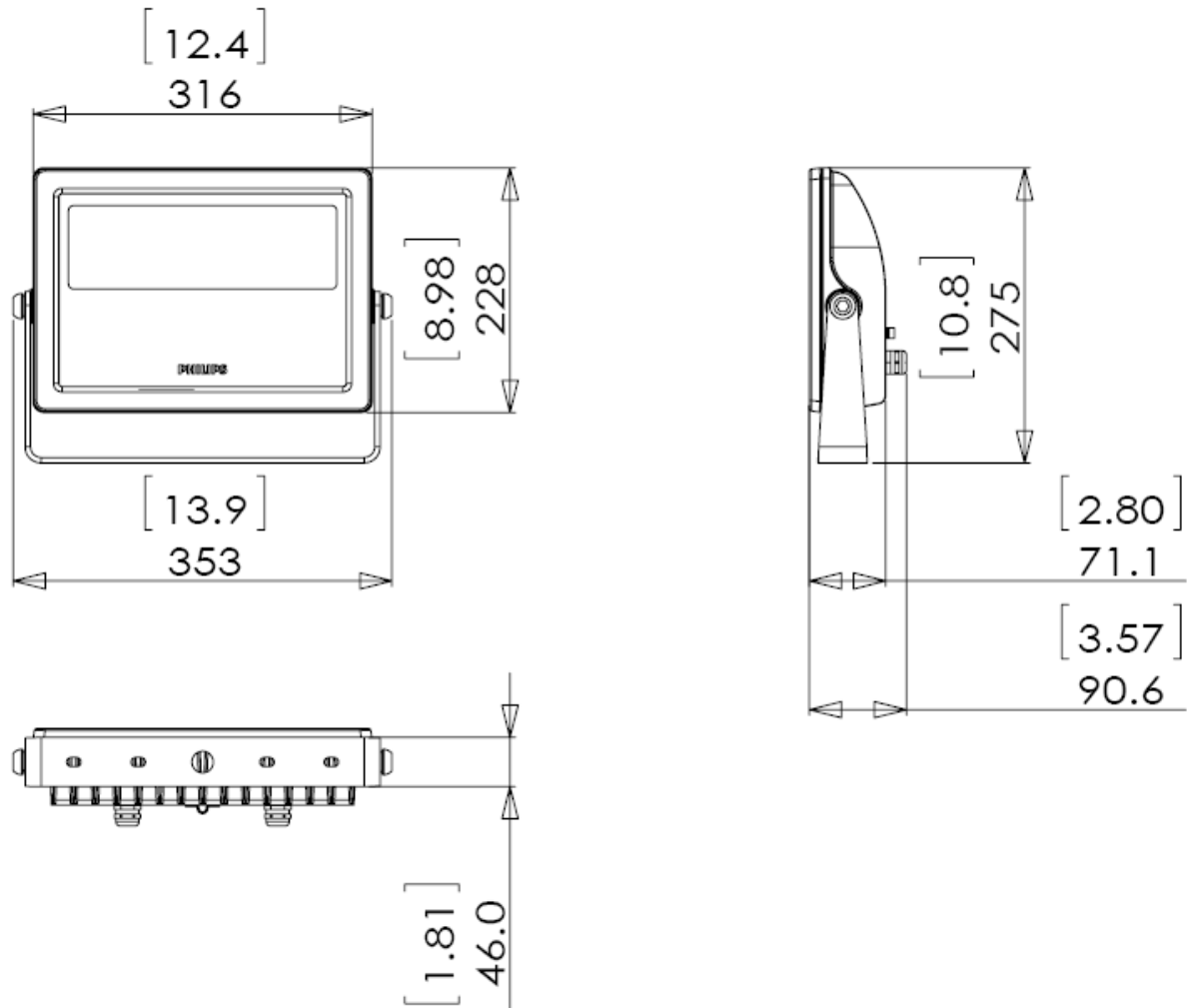
Illuminance at a Distance

	Center Beam LUX	Beam Width	
8.33M	98.6 LUX	5.18 M	5.50 M
16.67M	24.6 LUX	10.36 M	10.99 M
25.00M	11.0 LUX	15.54 M	16.49 M
33.33M	6.16 LUX	20.72 M	21.99 M
41.67M	3.94 LUX	25.90 M	27.49 M
50.00M	2.74 LUX	31.08 M	32.98 M

■ Vert. Spread: 34.5°
■ Horiz. Spread: 36.5°

Im = 3.28ft

Dimensions:



Ordering Codes:

Product	Philips 12NC	Item Number	Beam Angle	Certification
Vaya Flood MP G2 RGB	912400133978	316-000016-01	20°	CE / CQC / PSE
Vaya Flood MP G2 RGB	912400133979	316-000016-02	40°	CE / CQC / PSE
Vaya Flood MP G2 RGB	912400133981	316-000016-05	20°	UL / cUL
Vaya Flood MP G2 RGB	912400133982	316-000016-06	40°	UL / cUL

¹ Custom options include narrow (10°) versions

Custom Options:

Product	Philips I2NC	Item Number	Beam Angle	Certification
Vaya Flood MP G2 RGB	912400133977	316-000016-00	10°	CE / CQC / PSE
Vaya Flood MP G2 RGB	912400133980	316-000016-04	10°	UL / cUL