

Vaya Flood HP, White & Mono

Vaya Flood HP is a reliable and cost effective high output white light, 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 adjustable tilt angle make this product versatile and easy to use.



Key Features

- 10lx at 100m / 1fc at 328ft
- Compact size & light-weight
- Robust design & IP66 rating for outdoor use
- Available in standard 3000K & 4000K
- Available with standard 10° & 20°
- Direct Line Voltage Input 100V AC
- 3-Year Warranty

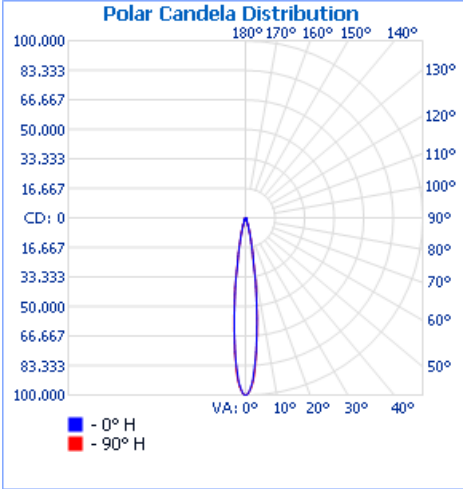
Product Data

| | |
|----------------------|--|
| 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 White or Mono LEDs |
| Standard Beam Angles | 10° or 20° |
| Output Luminous Flux | 9,700 lumens |
| Efficacy | 90lm/W |
| CRI | 80 Ra |
| Lumen Maintenance | 50,000 hrs L ₇₀ at 25°C |
| Housing | Die Cast Aluminum, powder-coated finish RAL7043 |
| Weight | 7.75 kg (17 lbs) |
| Connector | 3-conductor whip for power, 1.5m (5ft) long |
| Lens | Tempered glass |
| Control | On / Off |
| Input Voltage | 100VAC, 50 / 60Hz |
| Power Consumption | 100W |
| 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 | PSE |
| Warranty | 3 Years |

Photometrics (Per IESNA LM-79):

Vaya Flood HP 3000K, 10deg

Polar Candela Distribution



Illuminance at a Distance

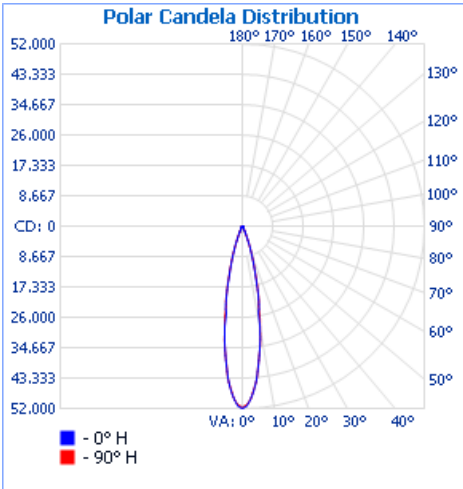
| | Center Beam LUX | Beam Width | |
|-------|---------------------|--------------|--------------|
| 8.3M | 1,437.92 LUX | 2.1M | 2.1M |
| 16.7M | 359.48 LUX | 4.2M | 4.3M |
| 25.0M | 159.77 LUX | 6.3M | 6.4M |
| 33.3M | 89.87 LUX | 8.4M | 8.6M |
| 41.7M | 57.52 LUX | 10.5M | 10.7M |
| 50.0M | 39.94 LUX | 12.6M | 12.8M |

■ Vert. Spread: 14.4° ■ Horiz. Spread: 14.6°

10lx (1fc) maximum distance: 100m (328ft)

Vaya Flood HP 3000K, 20deg

Polar Candela Distribution



Illuminance at a Distance

| | Center Beam LUX | Beam Width | |
|-------|-------------------|--------------|--------------|
| 8.3M | 745.94 LUX | 3.2M | 3.3M |
| 16.7M | 186.49 LUX | 6.5M | 6.5M |
| 25.0M | 82.88 LUX | 9.7M | 9.8M |
| 33.3M | 46.62 LUX | 13.0M | 13.1M |
| 41.7M | 29.84 LUX | 16.2M | 16.4M |
| 50.0M | 20.72 LUX | 19.5M | 19.6M |

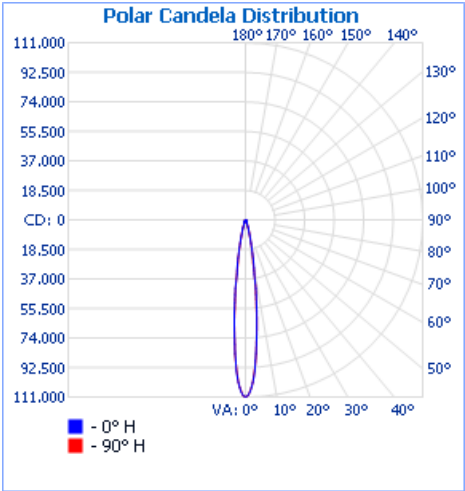
■ Vert. Spread: 22.0° ■ Horiz. Spread: 22.2°

10lx (1fc) maximum distance: 72m (236ft)

Photometrics (Per IESNA LM-79):

Vaya Flood HP 4000K, 10deg

Polar Candela Distribution



Illuminance at a Distance

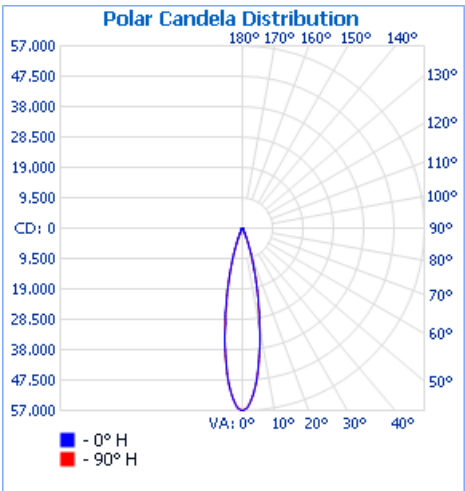
| | Center Beam LUX | Beam Width | |
|-------|---------------------|--------------|--------------|
| 8.3M | 1,593.99 LUX | 2.1M | 2.1M |
| 16.7M | 398.50 LUX | 4.2M | 4.1M |
| 25.0M | 177.11 LUX | 6.3M | 6.2M |
| 33.3M | 99.62 LUX | 8.4M | 8.2M |
| 41.7M | 63.76 LUX | 10.5M | 10.3M |
| 50.0M | 44.28 LUX | 12.6M | 12.4M |

■ Vert. Spread: 14.4° ■ Horiz. Spread: 14.1°

10lx (1fc) maximum distance: 105m (345ft)

Vaya Flood HP 4000K, 20deg

Polar Candela Distribution



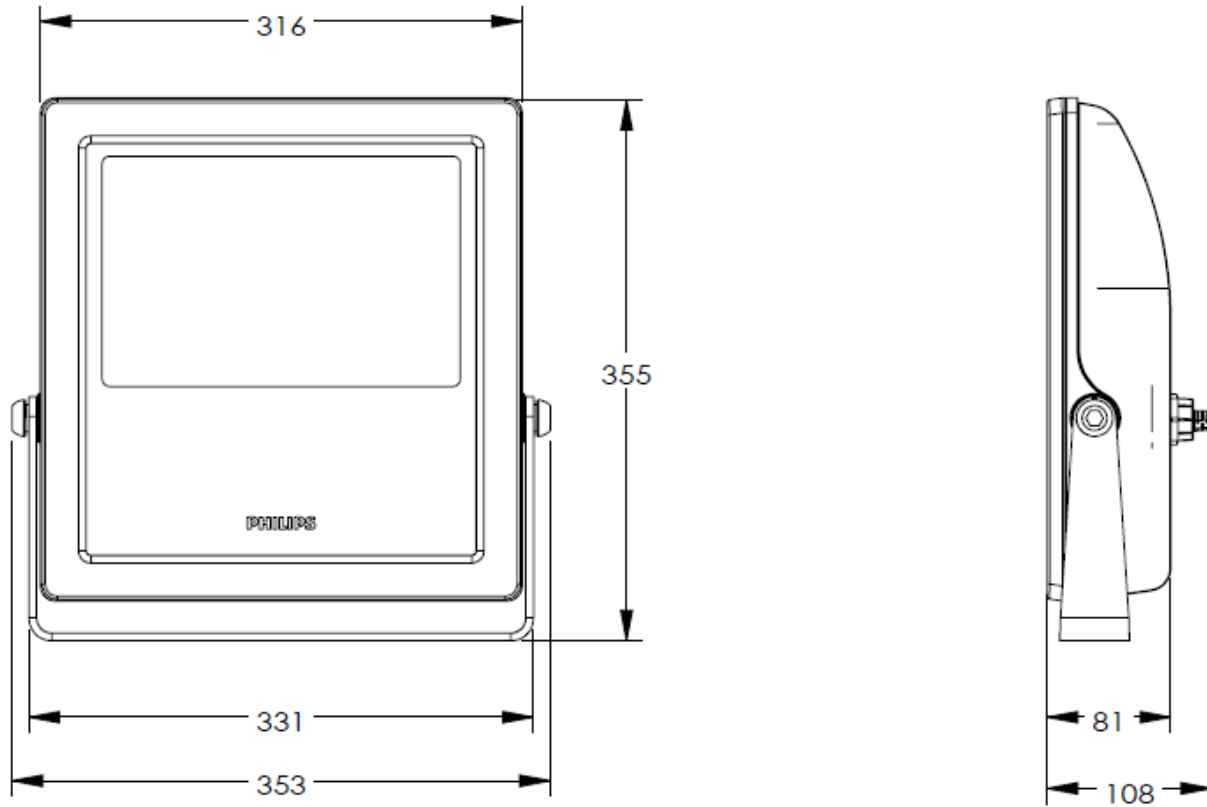
Illuminance at a Distance

| | Center Beam LUX | Beam Width | |
|-------|-------------------|--------------|--------------|
| 8.3M | 819.80 LUX | 3.1M | 3.2M |
| 16.7M | 204.95 LUX | 6.2M | 6.4M |
| 25.0M | 91.09 LUX | 9.3M | 9.7M |
| 33.3M | 51.24 LUX | 12.5M | 12.9M |
| 41.7M | 32.79 LUX | 15.6M | 16.1M |
| 50.0M | 22.77 LUX | 18.7M | 19.3M |

■ Vert. Spread: 21.2° ■ Horiz. Spread: 21.9°

10lx (1fc) maximum distance: 75m (248ft)

Dimensions:



Ordering Codes:

| CCT | Beam Angle | Philips I2NC | Item Number | Certification |
|-------|------------|--------------|---------------|---------------|
| 3000K | 10° | 912400130392 | 350-000009-16 | PSE |
| 3000K | 20° | 912400130393 | 350-000009-17 | PSE |
| 4000K | 10° | 912400130396 | 350-000009-20 | PSE |
| 4000K | 20° | 912400130397 | 350-000009-21 | PSE |

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

² Custom options include wide (40°) & open beam (90°) versions for White (2700K, 3000K, 4000K, 5000K)

| CCT | Beam Angle | Philips I2NC | Item Number | Certification |
|-------|------------|--------------|---------------|---------------|
| 2700K | 10° | 912400130417 | 350-000009-40 | PSE |
| 2700K | 20° | 912400130418 | 350-000009-41 | PSE |
| 2700K | 40° | 912400130419 | 350-000009-42 | PSE |
| 2700K | 90° | 912400130420 | 350-000009-43 | PSE |
| 3000K | 40° | 912400130394 | 350-000009-18 | PSE |
| 3000K | 90° | 912400130395 | 350-000009-19 | PSE |
| 4000K | 40° | 912400130398 | 350-000009-22 | PSE |
| 4000K | 90° | 912400130399 | 350-000009-23 | PSE |
| 5000K | 10° | 912400130421 | 350-000009-44 | PSE |
| 5000K | 20° | 912400130422 | 350-000009-45 | PSE |
| 5000K | 40° | 912400130423 | 350-000009-46 | PSE |
| 5000K | 90° | 912400130424 | 350-000009-47 | PSE |
| Red | 10° | 910503702958 | 325-000009-24 | CE, CQC, PSE |
| Red | 20° | 910503702959 | 325-000009-25 | CE, CQC, PSE |
| Green | 10° | 910503702966 | 325-000009-27 | CE, CQC, PSE |
| Green | 20° | 910503702967 | 325-000009-28 | CE, CQC, PSE |
| Blue | 10° | 910503702974 | 325-000009-30 | CE, CQC, PSE |
| Blue | 20° | 910503702975 | 325-000009-31 | CE, CQC, PSE |
| Amber | 10° | 910503702982 | 325-000009-33 | CE, CQC, PSE |
| Amber | 20° | 910503702983 | 325-000009-34 | CE, CQC, PSE |