



OptiFlood – compact and complete solution

OptiFlood MVP506

Philips has a long tradition of excellence in environmentally friendly asymmetric floodlighting systems for sports and general area lighting as well as architectural applications. OptiFlood's extremely efficient, best-in-class optical system provides an accurately controlled light distribution – total light cut-off above the horizontal and a peak beam intensity at high angles – keeping obtrusive light to a minimum. Both the MVP504 and MVP506 versions are available with two types of reflector – asymmetric or road-lighting POT optics – for flexibility in application. They can also accommodate CosmoPolis metal-halide lamps for good color rendering, high-pressure sodium lamps for economical operation, and MASTERColour CDM Elite MW lamps for highly efficient lighting with longer-lasting white light. OptiFlood is also available in a LED version (BVP506). With its compact shape and aesthetically pleasing design, OptiFlood can be used in applications where design and appearance are just as important as technical performance. In the design, attention has also been focused on the detailing. This has led to integrated 'hidden' hinges, angle adjustment designed as part of the body and a mounting bracket angled to allow more aesthetic integration onto columns.

Benefits

- Asymmetrical floodlighting systems for general area lighting as well as security and industrial area lighting
- Best-in-class optical system for accurately controlled light distribution to prevent uncontrolled stray and spill light
- Compact shape and pleasing design allows OptiFlood to be used in settings where design and appearance are just as important as technical performance

OptiFlood MVP506

Features

- Two types of reflector – asymmetric or road-lighting POT optics
- Can accommodate CosmoPolis metal-halide lamps, high-pressure sodium lamps, and MASTERcolour CDM Elite MW lamps
- Also available in a LED version
- Two body sizes

Application

- General area lighting
- Car parks
- Architectural floodlighting
- Sports lighting

Specifications

Type	MVP506	Materials and finishing	Housing: high-pressure die-cast aluminum, non-corrosive
Light source	HID:		Glass: thermally hardened, 4 mm thick
	- 1 x MASTER CosmoWhite CPO-TW / PGZ12 / 60, 90, 140 W		Clips: stainless steel
	- 1 x MASTERcolour CDM-T / G12 / 150, 250 W		Reflector: purity, anodized aluminum, high reflective
	- 1 x MASTER CityWhite CDO-TT / E40 / 100, 150, 250 W	Color	'Raw' aluminum or grey (GR)
	- 1 x MASTER HPI-T Plus / E40 / 250, 400 W		Other RAL colors available on request
	- 1 x MASTER SON-T PIA Plus / E40 / 100, 150, 250, 400, 600 W	Installation	On mast head frame, ceiling, wall and floor mounting
	- 1 x MASTER CDM-TMW / PGZ18 / 210, 315 W		Front cover hinges for easy access
Lamp included	Yes (K or light color 830, 930 or 942)		Aiming indicator ring is integrated on housing and bracket
Gear (integrated)	Electromagnetic 230 or 240 V / 50 Hz		Ambient temperature outdoor: 35°C (25°C indoor)
	Electronic, 220 - 240 V / 50 - 60 Hz:		Recommended mounting height: 8 - 14 m
	- Electronic (EB)		Adjustable tilt angle: 15°
Optic	Open CT-POT (OR) (not for HPI-T lamp versions)		Max SCx value by side: 0.10 m
	Asymmetrical (A) (not for MASTERcolour CDM-T lamp versions)		Max adjustment from the horizontal: - 180 to +180°
Ignitor	Semi-parallel, self-stopping (ST)		Max vertical aiming: - 90 to +90°
Options	Safety class 2	Maintenance	Lamp and gear unit access by opening the hinged front glass for in position lamp replacement
	Dimming		No internal cleaning required
	Fuse	Accessories	Wire guard, optical skirt
	Filter coil		Styted pole mounting brackets (single, double, triple and quadruple) available on request
	Anti-reflective glass cover	Main applications	Sports, general area, car parks, architectural floodlighting
	Swimming pool version		

Versions



OptiFlood MVP506

Product details

