



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
Light source	HID: <ul style="list-style-type: none">- 1 x MASTER CosmoWhite CPO-TW / PGZ12 / 60, 90, 140 W- 1 x MASTERcolour CDM-T / G12 / 150, 250 W- 1 x MASTER CityWhite CDO-TT / E40 / 100, 150, 250 W- 1 x MASTER HPI-T Plus / E40 / 250, 400 W- 1 x MASTER SON-T PIA Plus / E40 / 100, 150, 250, 400, 600 W- 1 x MASTER CDM-TMW / PGZ18 / 210, 315 W
Lamp included	Yes (K or light color 830, 930 or 942)
Gear (integrated)	Electromagnetic 230 or 240 V / 50 Hz Electronic, 220 - 240 V / 50 - 60 Hz: <ul style="list-style-type: none">- Electronic (EB)
Optic	Open CT-POT (OR) (not for HPI-T lamp versions) Asymmetrical (A) (not for MASTERcolour CDM-T lamp versions)
Ignitor	Semi-parallel, self-stopping (ST)
Options	Safety class 2 Dimming Fuse Filter coil Anti-reflective glass cover Swimming pool version

Materials and finishing	Housing: high-pressure die-cast aluminum, non-corrosive Glass: thermally hardened, 4 mm thick Clips: stainless steel Reflector: purity, anodized aluminum, high reflective
Color	'Raw' aluminum or grey (GR) Other RAL colors available on request
Installation	On mast head frame, ceiling, wall and floor mounting Front cover hinges for easy access Aiming indicator ring is integrated on housing and bracket Ambient temperature outdoor: 35°C (25°C indoor) Recommended mounting height: 8 - 14 m Adjustable tilt angle: 15° Max SCx value by side: 0.10 m Max adjustment from the horizontal: - 180 to +180° Max vertical aiming: - 90 to +90° Uplighting for indoor only
Maintenance	Lamp and gear unit access by opening the hinged front glass for in position lamp replacement No internal cleaning required
Accessories	Wire guard, optical skirt Styted pole mounting brackets (single, double, triple and quadruple) available on request
Main applications	Sports, general area, car parks, architectural floodlighting

Versions



OptiFlood MVP506

Product details



Accessories

Skirt

Ordercode 72307500



Approval and Application

Mech. impact protection code IK09

General Information

CE mark	CE mark
Optical cover/lens type	FG
Gear	EB
Glare shielding accessories	No
Glow-wire test	Temperature 850 °C, duration 5 s
Number of light sources	1
Product Family Code	MVP506

General Information

Order Code	Full Product Name	Light source colour	Lamp family code	Lamp power	Optic type
72459100	MVP506 CPO-TW60W K EB OC	-	CPO-TW	60 W	Optic for CosmoPolis lamp
29647100	MVP506 CDM-TMW210W/930 EB A	930 warm white	CDM-TMW	210 W	Asymmetrical
29648800	MVP506 CDM-TMW315W/930 EB A	930 warm white	CDM-TMW	315 W	Asymmetrical
29655600	MVP506 CDM-TMW210W/930 EB OR	930 warm white	CDM-TMW	210 W	Open CT-POT
29985400	MVP506 CDM-TMW315W/942 EB A	942 neutral white	CDM-TMW	315 W	Asymmetrical
72460700	MVP506 CPO-TW140W K EB OC	-	CPO-TW	140 W	Optic for CosmoPolis lamp
72462100	MVP506 CPO-TW140W K EB OC GR	-	CPO-TW	140 W	Optic for CosmoPolis lamp

OptiFlood MVP506

Order Code	Full Product Name	Light source	Lamp family		Optic type
		colour	code	Lamp power	
29649500	MVP506 CDM-TMW210W/930 EB A GR	930 warm white	CDM-TMW	210 W	Asymmetrical
29657000	MVP506 CDM-TMW210W/930 EB OR GR	930 warm white	CDM-TMW	210 W	Open CT-POT
29658700	MVP506 CDM-TMW315W/930 EB OR GR	930 warm white	CDM-TMW	315 W	Open CT-POT
29989200	MVP506 CDM-TMW315W/942 EB A GR	942 neutral white	CDM-TMW	315 W	Asymmetrical
29991500	MVP506 CDM-TMW315W/942 EB OR GR	942 neutral white	CDM-TMW	315 W	Open CT-POT

Mechanical and Housing

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
72459100	MVP506 CPO-TW60W K EB OC	Aluminium	72462100	MVP506 CPO-TW140W K EB OC GR	Grey
29647100	MVP506 CDM-TMW210W/930 EB A	Aluminium	29649500	MVP506 CDM-TMW210W/930 EB A GR	Grey
29648800	MVP506 CDM-TMW315W/930 EB A	Aluminium	29657000	MVP506 CDM-TMW210W/930 EB OR GR	Grey
29655600	MVP506 CDM-TMW210W/930 EB OR	Aluminium	29658700	MVP506 CDM-TMW315W/930 EB OR GR	Grey
29985400	MVP506 CDM-TMW315W/942 EB A	Aluminium	29989200	MVP506 CDM-TMW315W/942 EB A GR	Grey
72460700	MVP506 CPO-TW140W K EB OC	Grey	29991500	MVP506 CDM-TMW315W/942 EB OR GR	Grey

