



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

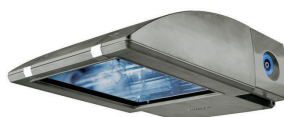
Materials and finishing	Housing: high-pressure die-cast aluminum, non-corrosive Glass: thermally hardened, 4 mm thick Clips: stainless steel Reflector: purity, anodized aluminum, high reflective
Color	'Raw' aluminum or grey (GR) Other RAL colors available on request
Installation	On mast head frame, ceiling, 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 sports and
area lighting luminaire, aluminium



OptiFlood MVP506 sports and
area lighting luminaire, grey (GR)



OptiFlood MVP506

Product details



Accessories

Skirt

Ordercode 910403066412



Approval and Application	
Mech. impact protection code	IK09
General Information	
CE mark	CE mark
Optical cover/lens type	FG
Gear	CONV
Glare shielding accessories	No
Glow-wire test	850/5
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
910403041712	MVP506 SON-TTP150W K A ST	-	SON-TPP	150 W	Asymmetrical
910403041812	MVP506 SON-TTP250W K A ST	-	SON-TPP	250 W	Asymmetrical
910403041912	MVP506 SON-TTP400W K A ST	-	SON-TPP	400 W	Asymmetrical
910403793612	MVP506 SON-TTP250W A25-WB ST	-	SON-TPP	250 W	Asymmetrical axis angle 25° wide beam (A25)
910403042512	MVP506 SON-TTP150W K A GR ST	-	SON-TPP	150 W	Asymmetrical
910403042612	MVP506 SON-TTP250W K A GR ST	-	SON-TPP	250 W	Asymmetrical
910403042712	MVP506 SON-TTP400W K A GR ST	-	SON-TPP	400 W	Asymmetrical
910403043112	MVP506 CDO-TT150W K A GR ST	-	CDO-TT	150 W	Asymmetrical

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Order Code	Full Product Name	Light	Lamp family	Lamp power	Optic type
		source colour			
910403043212	MVP506 CDM-T150W/942 OR GR ST	942 neutral white	CDM-T	150 W	Open CT-POT
910403077212	MVP506 SON-TTP250W OR GR ST	-	SON-TPP	250 W	Open CT-POT

Mechanical and Housing

Order Code	Full Product Name	Colour	Order Code	Full Product Name	Colour
910403041712	MVP506 SON-TTP150W K A ST	Aluminium	910403042612	MVP506 SON-TTP250W K A GR ST	Grey
910403041812	MVP506 SON-TTP250W K A ST	Aluminium	910403042712	MVP506 SON-TTP400W K A GR ST	Grey
910403041912	MVP506 SON-TTP400W K A ST	Aluminium	910403043112	MVP506 CDO-TT150W K A GR ST	Grey
910403793612	MVP506 SON-TTP250W A25-WB ST	Aluminium	910403043212	MVP506 CDM-T150W/942 OR GR ST	Grey
910403042512	MVP506 SON-TTP150W K A GR ST	Grey	910403077212	MVP506 SON-TTP250W OR GR ST	Grey

