



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

- Environment-friendly 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

- Compact shape and pleasing design
- 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

Application

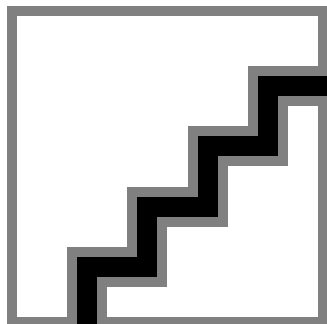
- Sports lighting
- General area lighting
- Car parks
- Architectural floodlighting

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: - 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



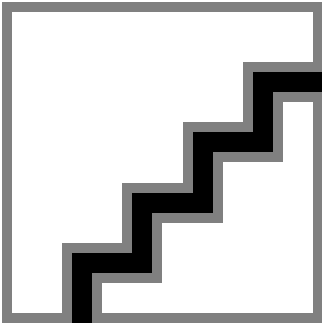
OptiFlood MVP506 sports and area-lighting luminaire



OptiFlood MVP506 sports and area-lighting luminaire

OptiFlood MVP506

Product details



OPDP_MVP506i_0001-Detail
photo



Accessories

Skirt

Ordercode 910403066412



OptiFlood MVP506

Approval and Application	
Mech. impact protection code	IK09
General Information	
CE mark	CE mark
Optical cover/lens type	Flat glass
Glare shielding accessories	-
Glow-wire test	Temperature 850 °C, duration 5 s
Number of light sources	1 pc
Product Family Code	MVP506

General Information

Order Code	Full Product Name	Light source color	Gear	Lamp family code	Lamp power	Optic type
910403041712	MVP506 SON-TTP150W K A ST	-	CONV	SON-TTP	150 W	Asymmetrical
910403041812	MVP506 SON-TTP250W K A ST	-	CONV	SON-TTP	250 W	Asymmetrical
910403041912	MVP506 SON-TTP400W K A ST	-	CONV	SON-TTP	400 W	Asymmetrical
910403042312	MVP506 CDO-TT150W K A ST	-	CONV	CDO-TT	150 W	Asymmetrical
910403042412	MVP506 CDM-T150W/942 OR ST	942 neutral white	CONV	CDM-T	150 W	Open CT-POT
910403058512	MVP506 SON-TTP250W 240V A ST	-	CONV	SON-TTP	250 W	Asymmetrical
910403070112	MVP506 CDM-T250W/830 OR ST	830 warm white	CONV	CDM-T	250 W	Open CT-POT
910403076612	MVP506 CDO-TT250W OR ST	-	CONV	CDO-TT	250 W	Open CT-POT
910403790512	MVP506 CDM-TMW210W/930 EB A	930 warm white	EB	CDM-TMW	210 W	Asymmetrical
910403790612	MVP506 CDM-TMW315W/930 EB A	930 warm white	EB	CDM-TMW	315 W	Asymmetrical
910403791312	MVP506 CDM-TMW210W/930 EB OR	930 warm white	EB	CDM-TMW	210 W	Open CT-POT
910403793812	MVP506 SON-TTP400W A25-WB ST	-	CONV	SON-TTP	400 W	Asymmetrical axis angle 25° wide beam
910403803212	MVP506 CDM-TMW315W/942 EB A	942 neutral white	EB	CDM-TMW	315 W	Asymmetrical
910403042512	MVP506 SON-TTP150W K A GR ST	-	CONV	SON-TTP	150 W	Asymmetrical
910403042612	MVP506 SON-TTP250W K A GR ST	-	CONV	SON-TTP	250 W	Asymmetrical
910403042712	MVP506 SON-TTP400W K A GR ST	-	CONV	SON-TTP	400 W	Asymmetrical
910403043112	MVP506 CDO-TT150W K A GR ST	-	CONV	CDO-TT	150 W	Asymmetrical
910403043212	MVP506 CDM-T150W/942 OR GR ST	942 neutral white	CONV	CDM-T	150 W	Open CT-POT
910403077212	MVP506 SON-TTP250W OR GR ST	-	CONV	SON-TTP	250 W	Open CT-POT
910403790712	MVP506 CDM-TMW210W/930 EB A GR	930 warm white	EB	CDM-TMW	210 W	Asymmetrical
910403790812	MVP506 CDM-TMW315W/930 EB A GR	930 warm white	EB	CDM-TMW	315 W	Asymmetrical
910403791512	MVP506 CDM-TMW210W/930 EB OR GR	930 warm white	EB	CDM-TMW	210 W	Open CT-POT
910403791612	MVP506 CDM-TMW315W/930 EB OR GR	930 warm white	EB	CDM-TMW	315 W	Open CT-POT
910403803612	MVP506 CDM-TMW315W/942 EB A GR	942 neutral white	EB	CDM-TMW	315 W	Asymmetrical
910403803812	MVP506 CDM-TMW315W/942 EB OR GR	942 neutral white	EB	CDM-TMW	315 W	Open CT-POT

Mechanical and Housing

Order Code	Full Product Name	Color	Order Code	Full Product Name	Color
910403041712	MVP506 SON-TTP150W K A ST	Aluminum	910403790512	MVP506 CDM-TMW210W/930 EB A	Aluminum
910403041812	MVP506 SON-TTP250W K A ST	Aluminum	910403790612	MVP506 CDM-TMW315W/930 EB A	Aluminum
910403041912	MVP506 SON-TTP400W K A ST	Aluminum	910403791312	MVP506 CDM-TMW210W/930 EB OR	Aluminum
910403042312	MVP506 CDO-TT150W K A ST	Aluminum	910403793812	MVP506 SON-TTP400W A25-WB ST	Aluminum
910403042412	MVP506 CDM-T150W/942 OR ST	Aluminum	910403803212	MVP506 CDM-TMW315W/942 EB A	Aluminum
910403058512	MVP506 SON-TTP250W 240V A ST	Aluminum	910403042512	MVP506 SON-TTP150W K A GR ST	Gray
910403070112	MVP506 CDM-T250W/830 OR ST	Aluminum	910403042612	MVP506 SON-TTP250W K A GR ST	Gray
910403076612	MVP506 CDO-TT250W OR ST	Aluminum	910403042712	MVP506 SON-TTP400W K A GR ST	Gray

OptiFlood MVP506

Order Code	Full Product Name	Color
910403043112	MVP506 CDO-TT150W K A GR ST	Gray
910403043212	MVP506 CDM-T150W/942 OR GR ST	Gray
910403077212	MVP506 SON-TTP250W OR GR ST	Gray
910403790712	MVP506 CDM-TMW210W/930 EB A GR	Gray
910403790812	MVP506 CDM-TMW315W/930 EB A GR	Gray

Order Code	Full Product Name	Color
910403791512	MVP506 CDM-TMW210W/930 EB OR GR	Gray
910403791612	MVP506 CDM-TMW315W/930 EB OR GR	Gray
910403803612	MVP506 CDM-TMW315W/942 EB A GR	Gray
910403803812	MVP506 CDM-TMW315W/942 EB OR GR	Gray

