



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: <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

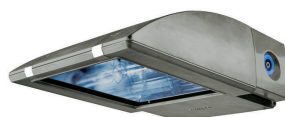
Materials and finishing	Housing: high-pressure die-cast aluminum, non-corrosive Glass: thermally hardened, 4 mm thick Clips: stainless steel Reflector: purity, anodized aluminum, high reflective
Color	'Raw' aluminum or grey (GR) Other RAL colors available on request
Installation	On mast head frame, ceiling,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



OptiFlood MVP506 sports and
area-lighting luminaire



OptiFlood MVP506

Product details



Ease of installation and maintenance



The fully opening front face provides excellent access to all components



Access to the interior to be gained via the two stainless steel clips



OptiFlood MVP506 floodlight with MASTERColour CDM Elite MW lamp in POT-OR optic

Accessories

Skirt

Ordercode 72307500



Approval and Application

Mech. impact protection code IK09

General Information

CE mark CE mark

Optical cover/lens type FG

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 color	Gear	Lamp family code	Lamp power	Optic type
72019700	MVP506 SON-TTP150W K A ST	-	CONV	SON-TPP	150 W	Asymmetrical
72020300	MVP506 SON-TTP250W K A ST	-	CONV	SON-TPP	250 W	Asymmetrical
72021000	MVP506 SON-TTP400W K A ST	-	CONV	SON-TPP	400 W	Asymmetrical

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Order Code	Full Product Name	Light source color	Gear	Lamp family code	Lamp power	Optic type
72025800	MVP506 CDO-TT150W K A ST	-	CONV	CDO-TT	150 W	Asymmetrical
72026500	MVP506 CDM-T150W/942 OR ST	942 neutral white	CONV	CDM-T	150 W	Open CT-POT
72315000	MVP506 SON-TTP250W K II A SS	-	CONV	SON-TPP	250 W	Asymmetrical
72316700	MVP506 SON-TTP400W K II A SS	-	CONV	SON-TPP	400 W	Asymmetrical
72376100	MVP506 CDM-T250W/830 OR ST	830 warm white	CONV	CDM-T	250 W	Open CT-POT
72351800	MVP506 SON-TTP150W II A SS	-	CONV	SON-TPP	150 W	Asymmetrical
72442300	MVP506 CDO-TT250W OR ST	-	CONV	CDO-TT	250 W	Open CT-POT
72443000	MVP506 SON-TTP150W OR ST	-	CONV	SON-TPP	150 W	Open CT-POT
72444700	MVP506 SON-TTP250W OR ST	-	CONV	SON-TPP	250 W	Open CT-POT
72459100	MVP506 CPO-TW60W K EB OC	-	EB	CPO-TW	60 W	Optic for CosmoPolis lamp
29647100	MVP506 CDM-TMW210W/930 EB A	930 warm white	EB	CDM-TMW	210 W	Asymmetrical
29648800	MVP506 CDM-TMW315W/930 EB A	930 warm white	EB	CDM-TMW	315 W	Asymmetrical
29655600	MVP506 CDM-TMW210W/930 EB OR	930 warm white	EB	CDM-TMW	210 W	Open CT-POT
29869700	MVP506 SON-TTP250W A25-NB ST	-	CONV	SON-TPP	250 W	Asymmetrical axis angle 25° narrow beam
29871000	MVP506 SON-TTP400W A25-NB ST	-	CONV	SON-TPP	400 W	Asymmetrical axis angle 25° narrow beam
29985400	MVP506 CDM-TMW315W/942 EB A	942 neutral white	EB	CDM-TMW	315 W	Asymmetrical
72027200	MVP506 SON-TTP150W K A GR ST	-	CONV	SON-TPP	150 W	Asymmetrical
72028900	MVP506 SON-TTP250W K A GR ST	-	CONV	SON-TPP	250 W	Asymmetrical
72029600	MVP506 SON-TTP400W K A GR ST	-	CONV	SON-TPP	400 W	Asymmetrical
72033300	MVP506 CDO-TT150W K A GR ST	-	CONV	CDO-TT	150 W	Asymmetrical
72034000	MVP506 CDM-T150W/942 OR GR ST	942 neutral white	CONV	CDM-T	150 W	Open CT-POT
72324200	MVP506 SON-TTP250W K II A GR SS	-	CONV	SON-TPP	250 W	Asymmetrical
72325900	MVP506 SON-TTP400W K II A GR SS	-	CONV	SON-TPP	400 W	Asymmetrical
72448500	MVP506 SON-TTP250W OR GR ST	-	CONV	SON-TPP	250 W	Open CT-POT
72460700	MVP506 CPO-TW140W K EB OC	-	EB	CPO-TW	140 W	Optic for CosmoPolis lamp
72462100	MVP506 CPO-TW140W K EB OC GR	-	EB	CPO-TW	140 W	Optic for CosmoPolis lamp
29649500	MVP506 CDM-TMW210W/930 EB A GR	930 warm white	EB	CDM-TMW	210 W	Asymmetrical
29650100	MVP506 CDM-TMW315W/930 EB A GR	930 warm white	EB	CDM-TMW	315 W	Asymmetrical
29657000	MVP506 CDM-TMW210W/930 EB OR GR	930 warm white	EB	CDM-TMW	210 W	Open CT-POT
29658700	MVP506 CDM-TMW315W/930 EB OR GR	930 warm white	EB	CDM-TMW	315 W	Open CT-POT
29989200	MVP506 CDM-TMW315W/942 EB A GR	942 neutral white	EB	CDM-TMW	315 W	Asymmetrical
29991500	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
72019700	MVP506 SON-TTP150W K A ST	Aluminum	29869700	MVP506 SON-TTP250W A25-NB ST	Aluminum
72020300	MVP506 SON-TTP250W K A ST	Aluminum	29871000	MVP506 SON-TTP400W A25-NB ST	Aluminum
72021000	MVP506 SON-TTP400W K A ST	Aluminum	29985400	MVP506 CDM-TMW315W/942 EB A	Aluminum
72025800	MVP506 CDO-TT150W K A ST	Aluminum	72027200	MVP506 SON-TTP150W K A GR ST	Gray
72026500	MVP506 CDM-T150W/942 OR ST	Aluminum	72028900	MVP506 SON-TTP250W K A GR ST	Gray
72315000	MVP506 SON-TTP250W K II A SS	Aluminum	72029600	MVP506 SON-TTP400W K A GR ST	Gray
72316700	MVP506 SON-TTP400W K II A SS	Aluminum	72033300	MVP506 CDO-TT150W K A GR ST	Gray
72376100	MVP506 CDM-T250W/830 OR ST	Aluminum	72034000	MVP506 CDM-T150W/942 OR GR ST	Gray
72351800	MVP506 SON-TTP150W II A SS	Aluminum	72324200	MVP506 SON-TTP250W K II A GR SS	Gray
72442300	MVP506 CDO-TT250W OR ST	Aluminum	72325900	MVP506 SON-TTP400W K II A GR SS	Gray
72443000	MVP506 SON-TTP150W OR ST	Aluminum	72448500	MVP506 SON-TTP250W OR GR ST	Gray
72444700	MVP506 SON-TTP250W OR ST	Aluminum	72460700	MVP506 CPO-TW140W K EB OC	Gray
72459100	MVP506 CPO-TW60W K EB OC	Aluminum	72462100	MVP506 CPO-TW140W K EB OC GR	Gray
29647100	MVP506 CDM-TMW210W/930 EB A	Aluminum	29649500	MVP506 CDM-TMW210W/930 EB A GR	Gray
29648800	MVP506 CDM-TMW315W/930 EB A	Aluminum	29650100	MVP506 CDM-TMW315W/930 EB A GR	Gray
29655600	MVP506 CDM-TMW210W/930 EB OR	Aluminum	29657000	MVP506 CDM-TMW210W/930 EB OR GR	Gray

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Order Code	Full Product Name	Color
29658700	MVP506 CDM-TMW315W/930 EB OR GR	Gray
29989200	MVP506 CDM-TMW315W/942 EB A GR	Gray

Order Code	Full Product Name	Color
29991500	MVP506 CDM-TMW315W/942 EB OR GR	Gray

