



LED FLOODLIGHT OPSUN PRO SERIES



UP TO
70%
ENERGY SAVING

UP TO
157 lm/W
SYSTEM EFFICACY

LIFETIME OF
50,000 <
HOURS TO L70



7 BEAM PROFILES | IP65 & IK10 RATED | AVAILABLE FROM 100W-600W | LUMILEDS CHIP, MEAN WELL DRIVER



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דרור קורן: 054-3028781

LED FLOODLIGHT OPSUN PRO SERIES



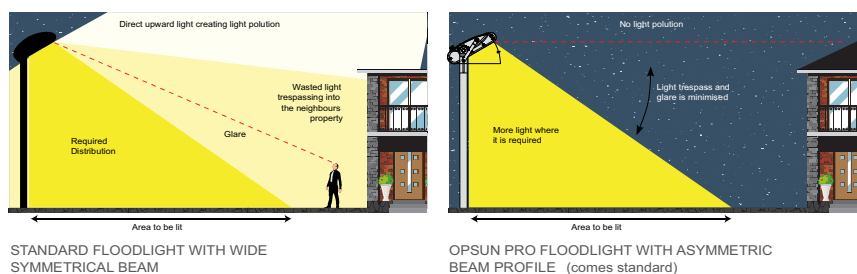
MEET THE FAMILY

The OpSun Pro offers a large range of wattages giving you maximum flexibility when designing the smallest project to the largest. By using quality components we are able to achieve up to 157lm/W throughout the range topping out at a massive 94,200 lumens.



PUTTING THE LIGHT WHERE IT'S WANTED

The LED OpSun Pro Floodlight series uses our custom wide beam profile to put the light where it's wanted and not in your neighbour's property. By using an asymmetric 85°x135° beam profile we can take the wasted light that is normally produced by conventional floodlights and direct it where it's needed, giving you a higher illuminance while delivering excellent uniformity and minimising glare.



SUPERIOR COOLING PERFORMANCE

The OpSun Pro has been designed with cooling in mind. Our modular design allows for efficient cooling via convection through the structure's ventilation. The Mean Well driver is housed in a separate chamber away from the critical LED components to ensure the complete system life is maximized.

BUILT TO LAST

To ensure the OpSun Pro will survive even the toughest of conditions we constructed it out of a low copper content aluminium alloy and coated it with a high performance pure epoxy-polyester anti-corrosion protective coating. For extra protection make sure you combine it with our 304/316 stainless steel bracket.

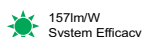


LED FLOODLIGHT OPSUN PRO SERIES



100W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated

FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	15,700lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well ELG-100-48A
SYSTEM WATTAGE	100W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	60A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	6.0kg
CODE	FL-100H

TECHNICAL DATA

IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30°- to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAATUV-CE/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

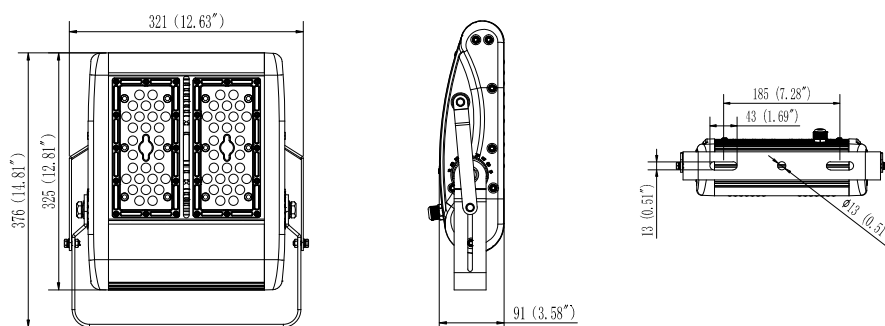
LED FLOODLIGHT OPSUN PRO SERIES



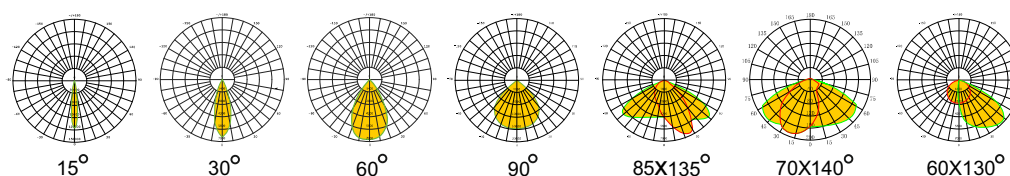
100W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



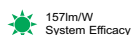
IMAGES



LED FLOODLIGHT OPSUN PRO SERIES



150W PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	23,550lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well ELG-150-48A
SYSTEM WATTAGE	150W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	65A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	7.33kg
CODE	FL-150H

TECHNICAL DATA

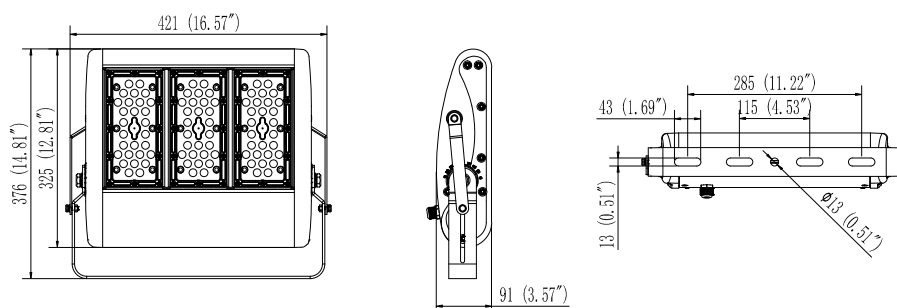
IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30°- to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAATUV-CE/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

LED FLOODLIGHT OPSUN PRO SERIES

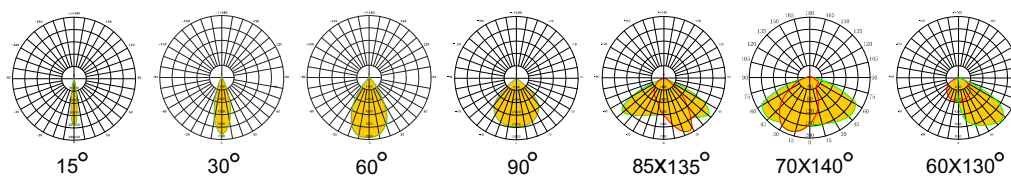


150W PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



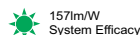
IMAGES



LED FLOODLIGHT OPSUN PRO SERIES



200W PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	31,400lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well ELG-240-48A
SYSTEM WATTAGE	200W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	60A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	10.73kg
CODE	FL-200H

TECHNICAL DATA

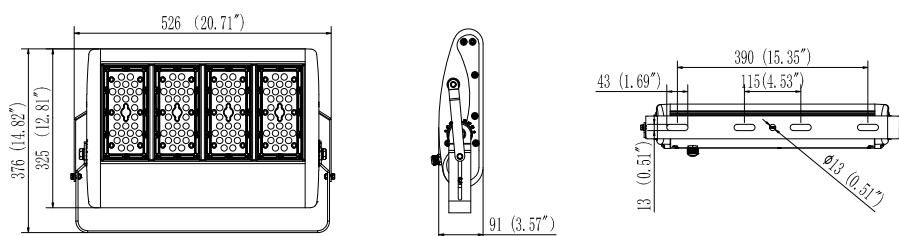
IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30° - to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAA/TUV-CE/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

LED FLOODLIGHT OPSUN PRO SERIES

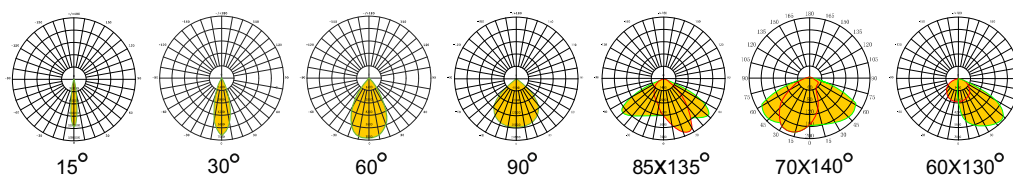


200W PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



IMAGES

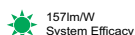


LED FLOODLIGHT OPSUN PRO SERIES



250W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated

FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	39,250lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well ELG-100-48A ELG-150-48A
SYSTEM WATTAGE	250W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	65A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	11.5kg
CODE	FL-250H

TECHNICAL DATA

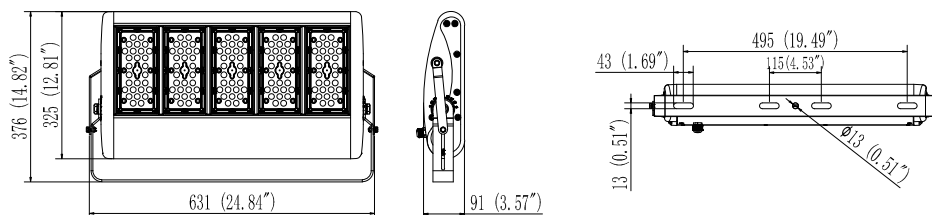
IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30°- to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAA/TUV-E/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

LED FLOODLIGHT OPSUN PRO SERIES

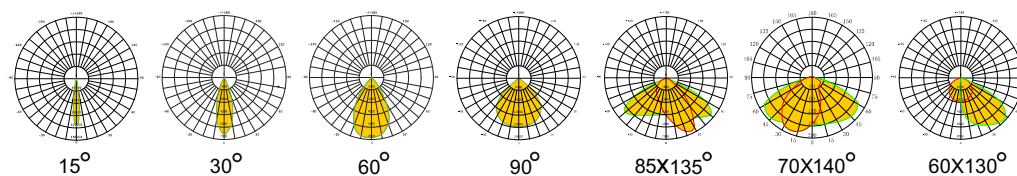


250W PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



IMAGES



LED FLOODLIGHT OPSUN PRO SERIES



300W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated



FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating

LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	47,100lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well HLG-320-48A
SYSTEM WATTAGE	300W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97s
THD	20%>
INRUSH CURRENT	70A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	12.51kg
CODE	FL-300H

TECHNICAL DATA

IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30° - to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAATUV-CE/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

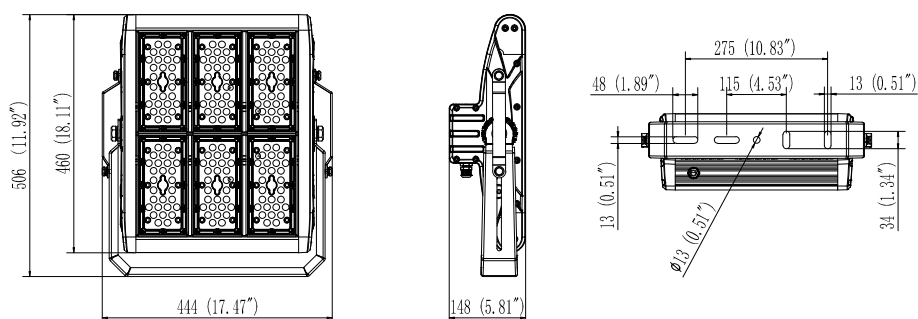
LED FLOODLIGHT OPSUN PRO SERIES



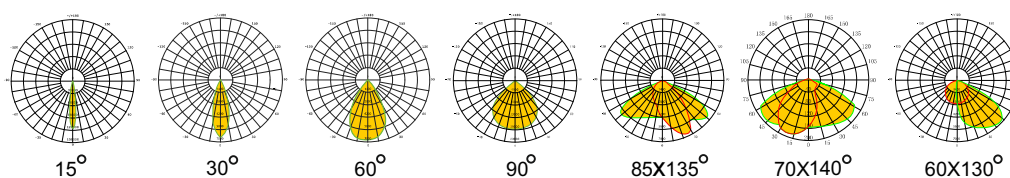
300W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



IMAGES



LED FLOODLIGHT OPSUN PRO SERIES



400W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated

FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	62,800lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	19.45kg
CODE	FL-400H

ELECTRICAL DATA

POWER SOURCE	Mean Well ELG-240-48A x2
SYSTEM WATTAGE	400W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	60A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

TECHNICAL DATA

IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30°- to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAA/TUV-E/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

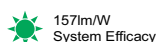


LED FLOODLIGHT OPSUN PRO SERIES



500W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated

FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	78,500lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Straight
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	20.19kg
CODE	FL-500H

ELECTRICAL DATA

POWER SOURCE	Mean Well HLG-320H-48A ELG-240-48A
SYSTEM WATTAGE	500W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	70A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

TECHNICAL DATA

IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30°- to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAA/TUV-E/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty

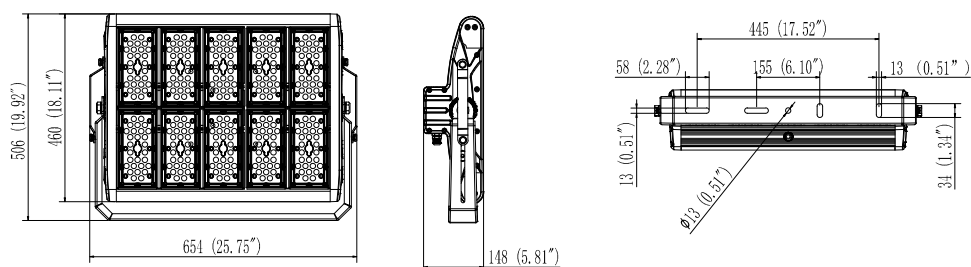
LED FLOODLIGHT OPSUN PRO SERIES



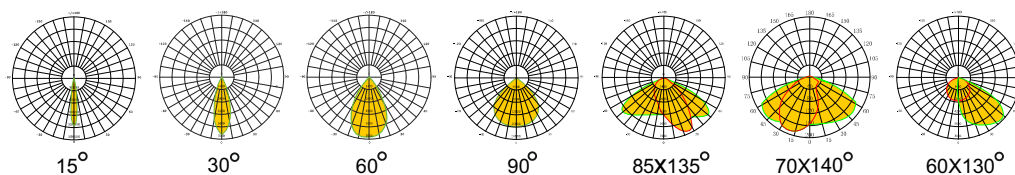
500W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



IMAGES

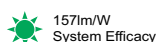


LED FLOODLIGHT OPSUN PRO SERIES



600W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



157lm/W
System Efficacy



5 year
Warranty



IP65
Rated



IK10
Rated

FEATURES

- Ultra efficient system efficacy of up to 157lm/W
- High quality Lumileds LED chips and Mean Well Driver
- Multiple beam angles available
- Tough IP65 and IK10 construction
- Suitable for coastal areas (with optional 304/316 stainless steel bracket)
- Epoxy-Polyester anti-corrosion coating



LIGHTING DATA

LIGHT SOURCE	Lumileds 5050
LUMEN OUTPUT	94,200lm*
LUMINAIRE EFFICACY	157lm/W*
LIFETIME @L80 (TM-21)	67,000hrs
LIFETIME @L90 (TM-21)	29,000hrs
CCT	5000K (Further CCT's on request)
CRI	70< (CRI80, CRI90 on request)
SDCM	5>
BEAM ANGLE	85° / 90° / 60° / 30° / 15°x1/35° 70°x140°/60°x130°

*achieved with 90° beam angle

ELECTRICAL DATA

POWER SOURCE	Mean Well HLG-320H-48A x 2
SYSTEM WATTAGE	600W
MAINS VOLTAGE	AC100-277V / 50-60 Hz
POWER FACTOR	0.97≤
THD	20%>
INRUSH CURRENT	70A
DRIVER LIFETIME	50,000<hrs
CONNECTION	1.5m 3 core cable
DIMMABLE OPTIONS	DALI, 1-10V

DESIGN / CONSTRUCTION

HOUSING MATERIAL	Corrosion-resistant aluminium
LENS MATERIAL	Polycarbonate
BRACKET MATERIAL	Hot-dip galvanised iron
BRACKET TYPE	Oblique
POWDER COAT	Epoxy-Polyester hybrid
COLOUR	Graphite black (RAL 9011)
WEIGHT	23.15kg
CODE	FL-600H

TECHNICAL DATA

IP RATING	IP65
IK RATING	IK10
OPERATING TEMP	30° - to +45°C
PROTECTION CLASS	Class 1
CERTIFICATIONS	UL/ENEC/CB/SAA/TUV-E/ROHS
DOCUMENTATION	LM-79 / LM-80 / ISTMT / TM-21
WARRANTY	Standard 5 year warranty



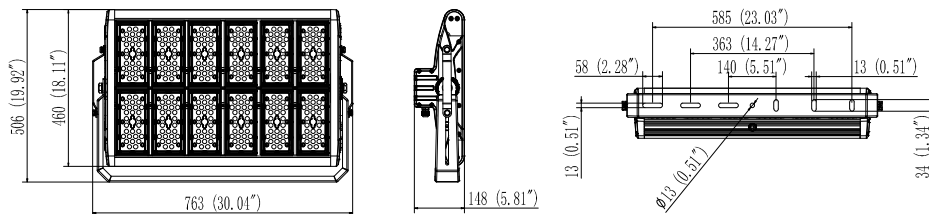
LED FLOODLIGHT OPSUN PRO SERIES



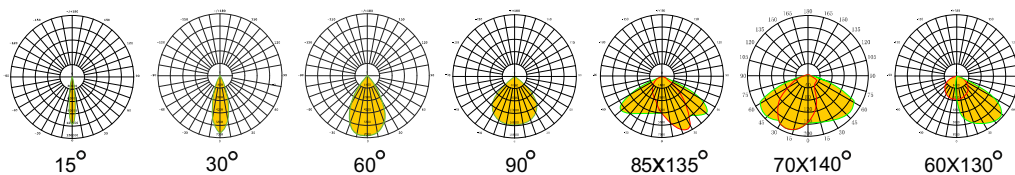
600W

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT

DIMENSIONS



PHOTOMETRIC DIAGRAM



IMAGES



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טי-לד תאורה מקצועית רח' דוד המלך 35 כפר-סבא
דרור קורן: 054-3028781

LED FLOODLIGHT OPSUN PRO SERIES



OPTIONS

STAINLESS STEEL BRACKET

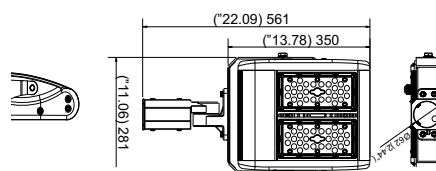


DESCRIPTION	Marine grade stainless steel, suitable for coastal areas
MATERIAL	Stainless steel
GRADE	304/316
INCLUDED	Bracket, nuts, bolts, washers
STOCKED	Yes

POLE MOUNT BRACKET FOR 100/150 W



ROT SIZE	180° - 90°
ERIAL	62mm
ICKED	Aluminium
	Yes



GLARE SHIELD



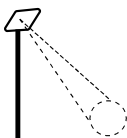
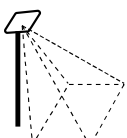
DESCRIPTION	Designed for areas where light spill and glare is a concern.	
MATERIAL	Aluminium	
STOCKED	Indent only	
PRODUCT CODE		
100W	300W	
150W	400W/500W	
200W/250w	600W	

LED FLOODLIGHT OPSUN PRO SERIES



APPLICATION GUIDE

BEAM ANGLE	DISTRIBUTION	APPLICATION
15°x15°/30°x30°	Symmetric	Architectural, Accent Lighting, Sports Feilds
60°x60°	Symmetric	Area Lighting, Facade Lighting, Sports Courts
90°x90°	Symmetric	Area Lighting, Facade Lighting, Sports Courts
85°x135° 70°x140° (standard) 60°x130°	Asymmetric Wide	Area Lighting, Sign lighting, Sport Courts Lighting (Tennis, Netball, Basketball etc)

BEAM ANGLE	DISTRIBUTION	PATTERN
15°x15° 30°x30° 60°x60° 90°x90°	Symmetric	
85°x135° 70°x140° 60°x130°	Asymmetric	

BEAM ANGLE	SUGGESTED TILT ANGLE	
85°x135° 70°x140° 60°x130°	A: 15°-45°	