







Specification

- LED colour temperature 3000K or 4000K (alternatives available)
- High quality marine grade aluminium
- Lightweight low profile luminaire
- 500mm, 700mm and 1300mm lengths
- Colour rendering index >70
- Power factor >0.95 at full load
- PMMA lenses
- Variety of optics
- Optional remote IP66 junction box and NEMA 7 socket
- Integral control gear
- Dim level 8-100%
- DALI/1-10V options
- Pre-wired mains cable
- Silicone and PVC cable options
- Projected L90 after 100,000 hours
- Toughened flat glass cover
- Fixed clamp and adjustable stirrup clamp options

-  IP66 Ingress Protection
-  IK08 Impact Resistance
-  6-13kg Weight
-  Electrical Class I
-  -20 to +35°C Ambient
-  LED Light Source



Range Overview

Type	IR-48	IR-64	IR-96	IR-192
System Power	67W	138W	214W	340W
Asymmetric Optics	✓	✓	✓	✓
Symmetric Optics	✓	✓	✓	✓
Counterbeam Optics	✓	✓	✓	✓
CCT	3000K or 4000K	3000K or 4000K	3000K or 4000K	3000K or 4000K
Lumen Output	Up to 12,034lm	Up to 23,530lm	Up to 35,295lm	Up to 56,487lm
CRI	>70	>70	>70	>70

I-Range


Electrical Characteristics

Type	IR-48	IR-64	IR-96	IR-192
System Power	67W	138W	214W	340W
Lumen Maintenance	Projected L90 after 100,000 hours			
LED CCT	3000K or 4000K			
LED CRI	>70			
Lumen Output	Up to 12,034lm	Up to 23,530lm	Up to 35,295lm	Up to 56,487lm
Driver Current	450mA	700mA	700mA	539mA
Driver Output	Constant current output with AM dimming			
Power Factor (Full Load/Half Load)	0.95/0.90			
Operational Voltage	220-240VAC rms			
Operating Frequency	50/60Hz			
Driver Quantity per Luminaire	1	1	2	2
Inrush Current (Apk/50%- μ S)	46A/250 μ S	53A/300 μ S	53A/300 μ S	53A/300 μ S
Running Current	0.28A max	0.58A max	0.89A max	1.42A max
Surge Protection (COM/DIF)	10kV/6kV			
Dimming Protocols	DALI/1-10V			
Dim Level	12-100%	8-100%	8-100%	12-100%
Max. Driver Qty on MCB 16A Type C	11	8	8	8
Insulation Class	Class I (Luminaire)			
Connections	Luminaire complete with factory fitted silicone or PVC cable			

Mechanical Characteristics

Housing Material	Extruded aluminium 6063T6 body with die-cast LM6 aluminium welded end caps
Housing Finish	Chromate free pre-treatment, polyester powder coat, black (RAL9005)
Cover Material	Toughened safety glass
Lens Material	PMMA
Clamp Material	Stainless steel 316
Clamp Insulator Material	Nylon 11 coated
Ingress Protection Rating	IP66
Weight (add 1.4kg for fixing kit)	6kg-13kg
Impact Resistance Rating	IK08

For more information

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