

DOCKER 150

Heavy Duty LED floodlight designed to replace HID lighting in applications requiring high performance and high durability.

Electronic: LED control gear driving 64 LEDs at 700mA with symmetrical and Asymmetrical distributions. IP67, Class I protection with 10 kV Surge Protection.

Body: recyclable, extruded aluminum and powder - coated AISI 316 stainless steel.

Optic Enclosure: 4mm Tempered Glass and PMMA Weather-proof lenses.



Technical data

Performance

Luminaire Output (Flux)	Up to 21.000 lm
Power Absorption	145 W
Lumen Maintenance [L80 B10]	119.000h
Lumen Maintenance [L70 B50]	190.000h

Optoelectronics

CRI	70 - 80 - 90
Colour Temperature	<ul style="list-style-type: none">• 3000K Warm White• 4000K Neutral White• 5000K Pure White• 5700K Cool White
Secondary Optics	Weather proof, Anti-yellowing PMMA refraction matrix
Protective Screen	4mm Tempered Glass
No of LEDs	64

Luminaire Body

Chassis and Bracket	AISI 316 Stainless Steel
Metal Finish	Powder Coating
Heatsinks	Anodized Extruded Aluminum (Copper Content <0.1%)
Bracket	Customizable AISI 316
Weight	28 lb
Dimensions (L-W-H)	7.9L x 14.8W x 8.4H in
Protection Level	IP67 - UL1598 Suitable for Wet Locations
Impact Resistance	IK10

Vibrations Resistance

ANSI C136.31-2010	Up to 6G for 100.000 cycles
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Corrosion Resistance

UL 1598A:2000	Salt Spray ASTM B117 for 1000 hours with 5% salinity
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Electronics

Voltage input	277 - 480 VAC 50-60Hz
Active Power F.C.	0.97
Surge Protection	10kV
Insulation class	IEC Class I
Short Circuit Protection	Auto-recovery
Over Heat Protection	Drops output current

Operation Conditions

Working temperature	-40°F / + 130°F
Humidity Range	0% - 94%

Normative reference

UL1598 / CSA C22.2 No. 250.0-08 – Luminaires
UL8750 – Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products
CFR part 15 class B – EMI
ANSI C136.25-2013 – American National Standard for Roadway and Area Lighting Equipment - Ingress Protection (Resistance to Dust, Solid Objects, and Moisture) for Luminaire Enclosures
IEC 60068-2-52:1996 Environmental Test – Part 2: Tests - Test Kb - Salt mist cyclic (sodium chloride solutions)
ANSI/IEEE C62.41.2 – 2002 IEEE Recommended Practice on characterization of Surge Voltages in Low Voltage AC Power Circuits
CSA C22.2 No. 250.13-17 - LED Equipment for Use in Lighting Applications



Midstream Lighting Ltd, 1 Chesham Street, London SW1X 8ND UK
Tel +44 207 584 8310 Email info@midstreamlighting.com
www.midstreamlighting.com

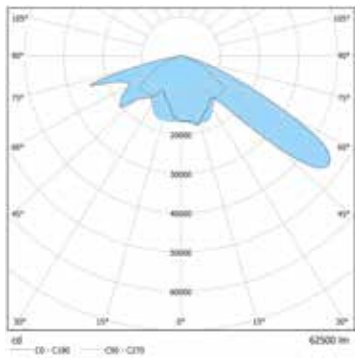
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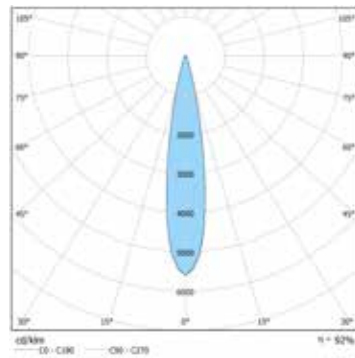
DOCKER 150

Photometrics

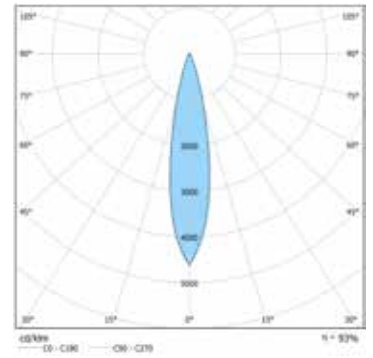
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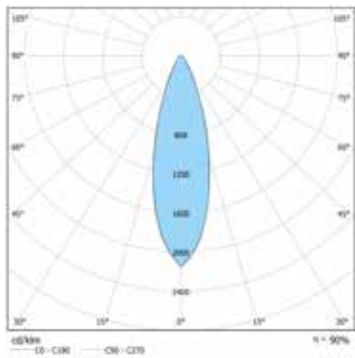
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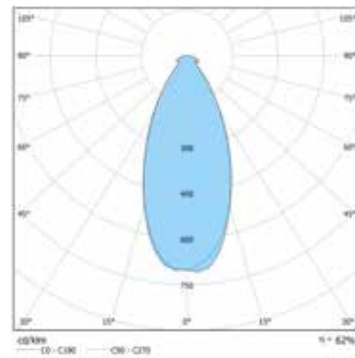
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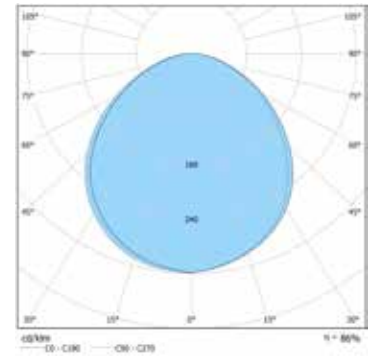
S3



S4



S5



Ordering codes

Product Family	Power	Optic	CCT	CRI	Voltage Input	Control System	Body Type	Bracket	Optional
D (Docke)	15	FH	A (5000k)	70	US (277-480 VAC)	10 (0-10V)	M (AISI 316 SS)	A (Type A)	00
		S1	B (4000k)	80		00		B (Type B)	
		S2	C (3000K)	90		CW (Synapse)			
		S3	D (5700k)						
		S4							
		S5							

Example: D15FHA70US10MA00



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