



FDV SPEC SHEET

Iota Marine

Art. no: 102842-02-2



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LIGHT TECHNICAL

Lightsource Type:	LED (replaceable)
Lumen Output:	42750
Lumen LED (tc=25):	45000
Beam Angle:	55x125
CCT (Color Temperature):	4000
CRI / Ra:	70
Color Code:	740
MacAdam (SDCM):	5
Lens (Diffuser):	Lens

MOUNTING / CONNECTION

Connection:	Cable 1.5m
Mounting:	Wall



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PRODUCT	
Ingress Protection:	IP66
Impact Protection:	IK08
Corrosion Class:	C5
Wind force (EPA) [m2] at 0°:	0,17
Operating Temperature [°C]:	-30 - 50
Lifetime [h]:	L80B10: 100 000
Color:	Black
RAL:	RAL9017
Length [mm]:	495
Height [mm]:	419
Width [mm]:	75
Weight [kg]:	6,4

ELECTRICAL DATA	
Dimming:	None
Dimming Output Type:	Amplitude Modulation
Flickerfree:	Yes
Standby power Psb (W) <:	0,5
Flicker metric (Pst LM) <:	0,014
Stroboscopic effect metric (SVM) <	0,023
System Power [W]:	300/225/150
System Voltage [V]:	230V 50Hz
Protection Class:	1
Max load pr circuit - B10:	4
Max load pr circuit - B16:	6
Max load pr circuit - C10:	5
Max load pr circuit - C16:	8
Leakage current [mA]:	0,7
Inrush current Imax [A]:	81
Inrush current time [µs]:	364
Socket / Cap-Base:	N/A
Current Output [mA]:	123
Voltage Forward Min [V]:	5,6
Voltage Forward Max [V]:	6,2