



TL44-S-600 G2 2000 HF 840 OP

A flexible and streamlined splash proof LED luminaire for corridors, bridges (only w/o battery back-up) or engine rooms with the strongest demands for IP class and high luminosity. It is easily fitted onto ceilings or walls. The luminaire housing is made of galvanized pre-painted steel with a second layer of white epoxy/polyester powder coated finish. End caps in ASA and diffuser in opal PC.



Item Number	TL44090543
GTIN	7054130905431
Stock status	A



Technical specifications

General

Product shape	Linear
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Certificates

Marine Approved	True
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Technical Data

Minimum ambient temperature (°C)	-25
Maximum ambient temperature (°C)	50
IK classification	05
IP classification	44

Light Technical Data

Light source	LED
Lumen out (lm)	2171
Lumen per Watt (lm/W)	121
Lamp colour temp (K)	4000
CRI Colour rendering index	>80
MacAdam step	3
Energy class light source	C

Driver / Ballast

Type of LED Driver	HF: Non dimmable
Number of Driver	1

Lifetime

L70 Median useful life LED MaxTa (hr)	70 000
Luminous flux decline (LLMF) 50000h Ta25	0.90

Electrical Data

EMC Category	EMC1: EMC B – IEC 60533 Bridge and Open deck
Minimum Voltage -10% (VAC)	220
Maximum voltage +10% (VAC)	240
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60
Main Feed DC (V) Min	180
Main Feed DC (V) Max	270
Total consumption (W)	16
Number of luminaires on a 10A MCB type B	21
Number of luminaires on a 10A MCB type C	35
Number of luminaires on a 16A MCB type B	33
Number of luminaires on a 16A MCB type C	56

Optic

Optic	OP/PC - Opal diffuser in polycarbonate
Material of diffuser	Polycarbonate
Diffuser material design	Opal

Housing

Main body material	Steel
Surface treatment	Galvanised
Body colour	WH - White
Main body colour name	White

Dimensions

Length (mm)	662
Width (mm)	165
Height (mm)	57
Net weight (kg)	1.6744

Termination

Termination	5×2×2.5mm ² Push In
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Mounting

Product mounting	Ceiling surface
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Logistic Data

Item gross weight (kg)	1.82
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Illustrations

