



TL44-S-1200 G2 3600 HF E3/S 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	TL44090557
GTIN	7054130905578
Stock status	M







Technical specifications

General	
Product shape	Linear
Certificates	
Marine Approved	True
Technical Data	
Minimum ambient temperature (°C)	0
Maximum ambient temperature (°C)	40
IK classification	05
IP classification	44
Light Technical Data	
Light source	LED
Lumen out (Im)	3857
Lumen per Watt (Im/W)	129
Lamp colour temp (K)	4000
CRI Colour rendering index	>80
MacAdam step	3
Energy class light source	С
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 Ta	25 0.90

EMC Category EMC2 : EMC A - IEC 60533 General Areas Minimum Voltage -10% (VAC) Maximum voltage +10% (VAC) Minimum frequency -5% (Hz) Maximum frequency +5% (Hz) Main Feed DC (V) Min Main Feed DC (V) Max Total consumption (W) 27 Number of luminaires on a 10A MCB type B Number of luminaires on a 10A MCB type C Number of luminaires on a 16A MCB type C Emergency Output in battery mode (%) Optic Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material		
Minimum Voltage -10% (VAC) Maximum voltage +10% 240 (VAC) Minimum frequency -5% 50 (Hz) Maximum frequency +5% 60 (Hz) Main Feed DC (V) Min 180 Main Feed DC (V) Max 270 Total consumption (W) 27 Number of luminaires on a 15 10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 24 16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser material	Electrical Data	
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Maximum voltage +10% (VAC) Minimum frequency -5% (Hz) Maximum frequency +5% (Hz) Main Feed DC (V) Min Main Feed DC (V) Max 270 Total consumption (W) 27 Number of luminaires on a 10A MCB type B Number of luminaires on a 10A MCB type C Number of luminaires on a 16A MCB type B Number of luminaires on a 16A MCB type C Emergency Output in battery mode (%) Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material	Minimum Voltage -10%	220
Minimum frequency -5% (Hz) Maximum frequency +5% (Hz) Main Feed DC (V) Min Main Feed DC (V) Max 270 Total consumption (W) 27 Number of luminaires on a 10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 26A MCB type B Number of luminaires on a 36A MCB type B Number of luminaires on a 36A MCB type C Emergency Output in battery mode (%) Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material	(VAC)	
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Main Feed DC (V) Max 270 Total consumption (W) 27 Number of luminaires on a 15 10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 24 16A MCB type B Number of luminaires on a 24 16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material	Maximum frequency +5% (Hz)	60
Total consumption (W) 27 Number of luminaires on a 15 10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 24 16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Opt	Main Feed DC (V) Min	180
Number of luminaires on a 15 10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 24 16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Optic Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal	Main Feed DC (V) Max	270
10A MCB type B Number of luminaires on a 25 10A MCB type C Number of luminaires on a 24 16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal	Total consumption (W)	27
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16A MCB type B Number of luminaires on a 40 16A MCB type C Emergency Output in battery mode (%) 15 Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal		
16A MCB type C Emergency Output in battery mode (%) Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Diffuser material Opal	Number of luminaires on a 16A MCB type B	24
Emergency Output in battery mode (%) Optic Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Diffuser material Opal	Number of luminaires on a	40
Output in battery mode (%) Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal	16A MCB type C	
Output in battery mode (%) Optic Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal	Emergency	
Optic OP/PC - Opal diffuser in polycarbonate Material of diffuser Polycarbonate Diffuser material Opal	Output in battery mode (%)	15
Material of diffuser Polycarbonate Diffuser material Opal	Optic	
Material of diffuser Polycarbonate Diffuser material Opal	Optic	OP/PC - Opal diffuser in
Diffuser material Opal		polycarbonate
	Material of diffuser	Polycarbonate
design	Diffuser material	Opal
	design	



Housing	
Main body material	Steel
Surface treatment	Galvanised
Body colour	WH - White
Main body colour name	White
Dimensions	
Length (mm)	1222
Width (mm)	165
Height (mm)	57
Net weight (kg)	3.2384
Termination	
Termination	5×2×2.5mm2 Push In

Mounting	
Product mounting	Ceiling surface
Logistic Data	
Item gross weight (kg)	3.52

Illustrations



