



FL70 54000 850 220-254 DIM M25-BN NB-60 JB

FL70 LED Floodlight is designed for installation and use in safe areas. By using the latest COB LED technology and LED driver technology it offers a virtually maintenance-free solution for all high and medium intensity lighting requirements. With its high lumen output the FL70 offers one of the best Lumen per Watt in the market. The product design has been undergoing thorough heat conduction and dissipation simulations, giving all components optimal conditions and ensuring long life time.

Item Number	FL70203001
GTIN	4036538646577
Stock status	M



Technical specifications

Navigation

Output angle (°)	60
EMC Category	EMC1

Certificates

Certification	DNV, IEC 60092-306
Marine Approved	True

Technical Data

Minimum ambient temperature (°C)	-35
Maximum ambient temperature (°C)	55
IK classification	08
IP classification	66/67
Corrosion class	C5-M

Light Technical Data

Light source	LED
Lumen out (lm)	54040
Lumen value supplied light source (lm)	54000
Lumen per Watt (lm/W)	148
Lamp colour temp (K)	5000
CRI Colour rendering index	80
Beam angle (°)	60
Light source included	True

Driver / Ballast

Type of LED Driver	HFDa
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Electrical Data

Minimum Voltage -10% (VAC)	220
Maximum voltage +10% (VAC)	254
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60

Optic

Material of diffuser	Safety glass
Diffuser material design	Clear
Power factor	0.9

Housing

Main body material	Seawater-resistant aluminium
Surface treatment	Anodized
Body colour	Black
Main body colour name	Black
Main body colour surface	Powder coated
Material Junction Box	Glass Reinforced Polyester

Dimensions

Length (mm)	426
Height (mm)	588
Net weight (kg)	18.9888
Depth (mm)	245

Cable Inlet

Cable gland	M25-Nickel plated brass
Number of cable glands	2
Number of blind plugs	1
Max cable diameter (mm)	17
Min cable diameter (mm)	7

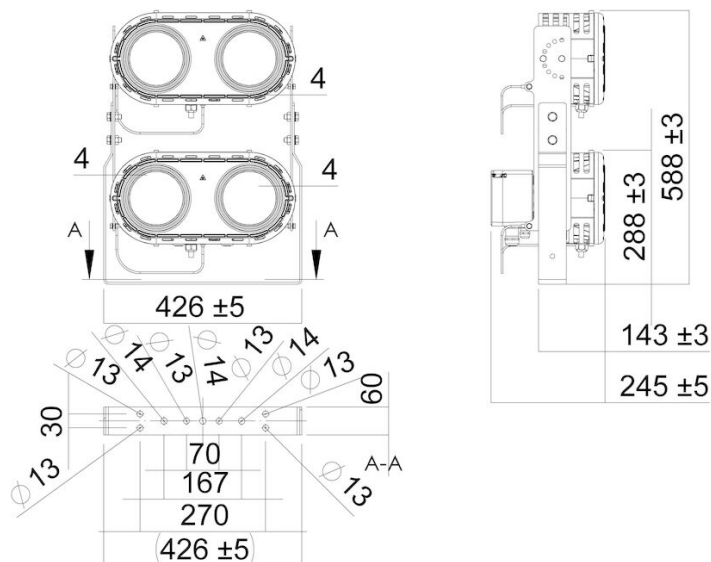
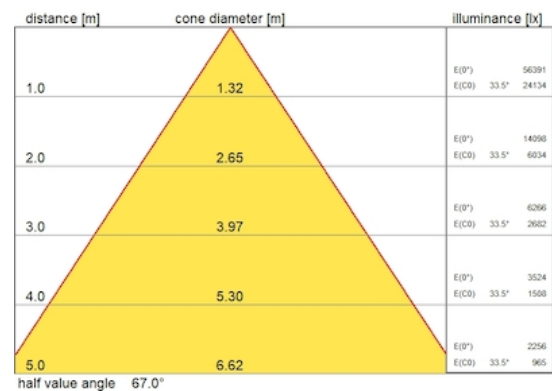
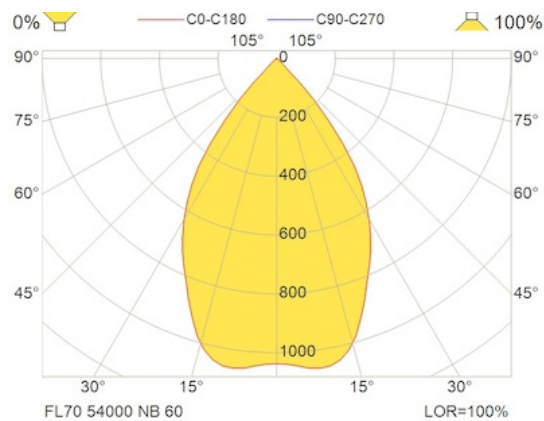
Logistic Data

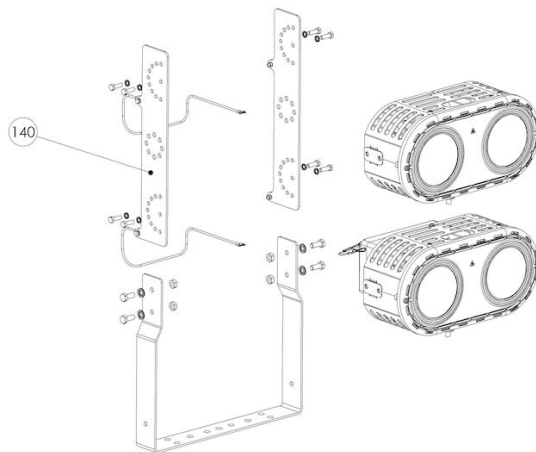
Net weight (kg)	18.9888
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Remarks

- + Cable entry: 2xM25x1.5 brass nickel plated D9-17mm (included reduction sealing insert D7-12mm)
- + Blind plugs: 2xM16x1.5 polyamide
- + Membrane vent: 1xM12x1.5 polyamide/RAL 9005-black
- + With junction box GRP/RAL 7000-grey and cover sheet aluminium/RAL 9005-black.
- + DC input info: DIM function is disconnected.
Thermal derating is also disconnected.

Illustrations





Spare parts		
Pos.	Description	Spare part no.
140	Bracket FL70 for 2 modules, incl. Pos. 130 mounting kit	9840294300

Images


Report No. [K0002796401](#)

Test Report Highly Accelerated Life Test

Product	Glamox FL70 Floodlights	
Name and address of the applicant	Glamox AS Bergen Høstelskoleveg 15, 6405 Mjølde, Norway	
Name and address of the manufacturer	Glamox AS Bergen Høstelskoleveg 15, 6405 Mjølde, Norway	
Model	FL70 27000 JK	
Rating	-	
Trademark	 GLAMOX	
Serial number	-	
Additional information	-	
Tested according to	IPC 9552A 2012	
Order number	-	
Tested in period	7.12.2020 till 12.2020	
Issue date	-	
Performed by	Responsible laboratory Nemko AS Påbyggeteknikk vett ES LØKK (Løkken) Norway	Test site Nemko AS Gjøvik-Sjøengstet IL LØKK (Løkken) Norway
Authorized signatures	 Tested by [Ole R. Rasmussen]  Approved by [Espen E. Rasmussen]	
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