

# TECHNICAL DATA SHEET

Division:  
Lighting

Department: Design  
and Development

Document Number: TD0906431

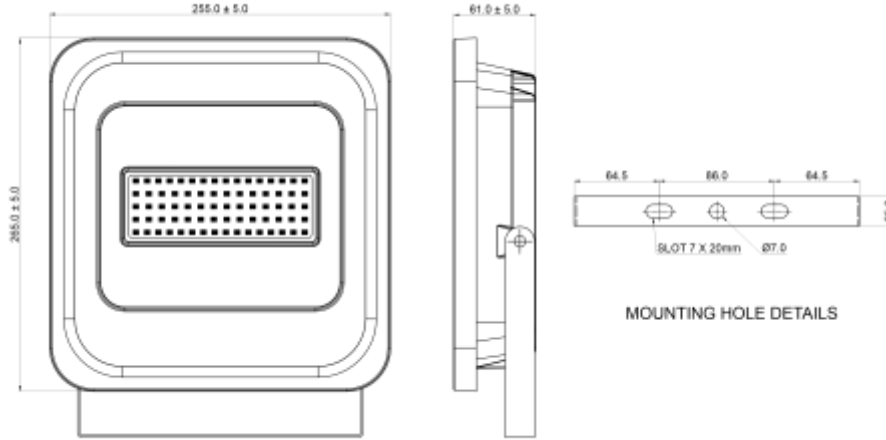
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Revision:

Issue No. 1

Date: 16/09/2024

Issue Date:02-05-2018



## GENERAL:

This floodlight luminaire comprises of die cast Aluminium housing powder coated in black and toughened glass. This luminaire is recommended for illuminating Area lighting, Facade lighting, monument lighting, security lighting etc.


PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)± 10 %
TFS-522-100-57-NL-SL-NS-GL-NSG	100W	5700	70 min	240	0.440 mA	1.400 KG
TFS-522-100-30-NL-SL-NS-GL-NSG	100W	3000	70 min	240	0.440 mA	1.400 KG
Efficacy ≥ 100LPW						

\*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

\*\*RATED SYSTEM WATTAGE AND CURRENT WILL HAVE TOLERANCE AS PER IS 16104: 2012

TITLE: FLOOD LIGHT 100W	TYPE: Flood Lighting	CUSTOMER REFERENCE:	STAMP:
PREPARED BY aniket.kute	CHECKED BY	APPROVED BY	

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MATERIAL SPECIFICATIONS:	
Housing	Pressure die cast Aluminum powder coated in RAL-7032
Glass	Heat resistant toughen glass.
Internal Wiring	PVC multistrand copper wire
Cable	PVC 3 CORE MAINS WIRE - 1 SQ MM - 3 CORE BLACK

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240
Frequency (Hz)	50 ± 3%
Operating Voltage Range (V)	100-300V
Current (A) @ 240V	0.220
Wattage (W) @240V	100W
P.F.	> 0.95
I THD	<15

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INSTALLATION:	
Mounting System	Cradle for Surface Mounting
Maintenance	Driver can be replaced for maintenance
Protection	IP 65

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
TFS-522-100-57-NL-SL-NS-GL-NSG	TLF500231-M2
TFS-522-100-30-NL-SL-NS-GL-NSG	TLF500232-M2

SPARES ORDERING REFERENCE:				
Product Description	Driver			
TFS-522-100-57-NL-SL-NS-GL-NSG	100W@840mA			
TFS-522-100-30-NL-SL-NS-GL-NSG	100W@840mA			

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