

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: TD0906430

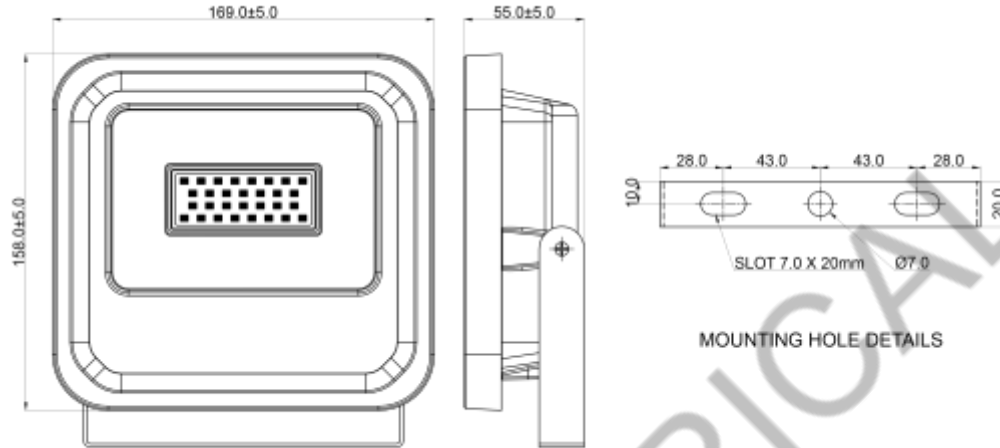
Revision:

Date: 16/09/2024

Page 1 of 3

Issue No. 1

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-521-50-57-NL-SL-NS-GL-NSG	50W	5700	70 min	240	0.220	0.900
TFS-521-50-30-NL-SL-NS-GL-NSG	50W	3000	70 min	240	0.220	0.900
Efficacy ≥ 100LPW						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: FLOOD LIGHT 50W	TYPE: Flood Lighting	CUSTOMER REFERENCE:	STAMP:
PREPARED BY aniket.kute	CHECKED BY	APPROVED BY	

Note: 1 AS EFFORTS ARE ON CONSTANTLY TO IMPROVE THE DESIGN AND METHODS OF MANUFACTURE OF THE PRODUCT, THE PRODUCT SUPPLIED MAY DIFFER IN DETAIL FROM THE DATA GIVEN HERE IN

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	Division: Lighting	Department: Design and Development	Document Number: TD0906430	Page 2 of 3
			Revision:	Issue No. 1
			Date: 16/09/2024	Issue Date:02-05-2018

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	50W
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-521-50-57-NL-SL-NS-GL-NSG	TLF500221-M2
TFS-521-50-30-NL-SL-NS-GL-NSG	TLF500222-M2

SPARES ORDERING REFERENCE:				
Product Description	Driver			
TFS-521-50-57-NL-SL-NS-GL-NSG	50W@840mA			
TFS-521-50-30-NL-SL-NS-GL-NSG	50W@840mA			

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