

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number:

TD0906185

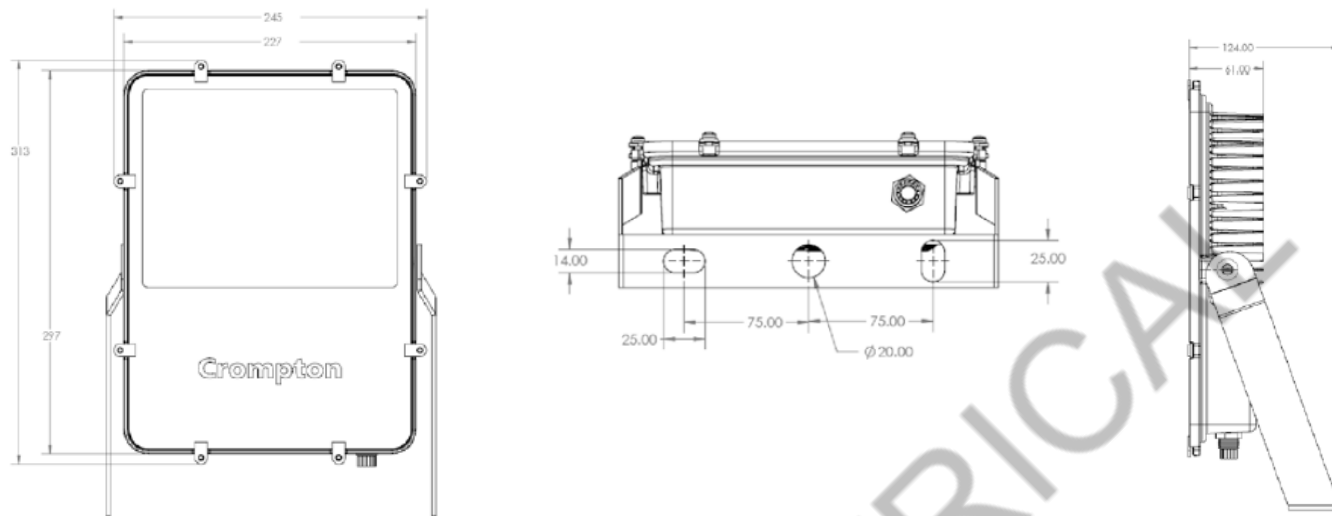
Revision: 00

Date: 15/12/2021

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Issue No. 1

Issue Date:02-05-2018



DIMENSIONS SHOWN ARE FOR INSTALLATION REFERENCES ONLY AND WILL HAVE TOLERANCE $\pm 3\text{mm}$ UNLESS OTHERWISE SPECIFIED

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, Façade lighting, monument lighting, security lighting etc.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
TFS-504-100-57-NL-SL-GL-NBK	100	5700 ANSI	70	240	0.438	3.13
Efficacy > 100 LPW						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: 100W LED Floodlight	TYPE: TFS-504	CUSTOMER REFERENCE:	STAMP:
PREPARED BY ganesh.dhuri	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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MATERIAL SPECIFICATIONS:	
Housing	Aluminium die cast housing powder coated in Black
Glass	Heat resistant toughened glass
Internal Wiring	PVC coated multistrand wire
Cable	3 core PVC coated multistrand cable
Surge Arrestor	10KV,440V
Cradle	M.S. powder coated in Black
Glass Clip	SS 202

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240
Frequency (Hz)	50 ±3
Operating Voltage Range (V)	120-270~
Current (A) @ 240V	0.438
Wattage (W) @240V	100
P.F.	>=0.95
I THD	<10%

TITLE: 100W LED Floodlight	TYPE: TFS-504	CUSTOMER REFERENCE:	STAMP:
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INSTALLATION:	
Cable Entry	Through Cable Gland
Mounting System	Cradle provided for mounting
Protection	IP66

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
TFS-504-100-57-NL-SL-GL-NBK	TLF500170-E4

SPARES ORDERING REFERENCE:				
Product Description	Driver	Surge Arrector	Glass	
TFS-504-100-57-NL-SL-GL-NBK	100W @700mA S0DVEXC4-100W-700	SRPSQ-10KV-5KA- 440V OR SRPSEX- 10KV-440V	S0906042	

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