

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4Division:
LightingDepartment: Design
and Development

Document Number: TD 0906343

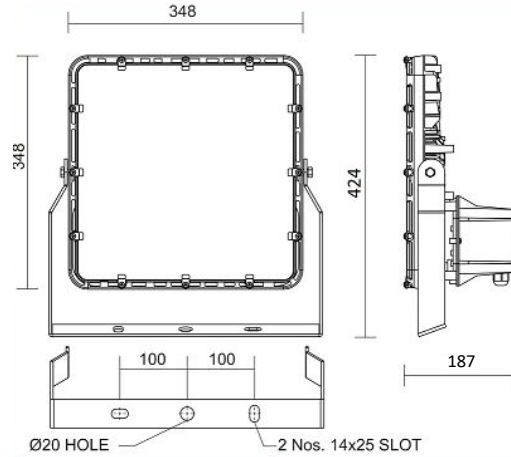
Revision: R01

Date: 22/09/2023

Page 1 of 3

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:**

Elegantly designed highly efficient PDC aluminum housing in powder coated finish. Heat resistant toughened glass, Fins are provided on housing for better heat dissipation. This luminaire is recommended for illuminating Area lighting, Facade lighting monument lighting, security lighting.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
CFS-506-300-57-60D-SL-GL-NSG	300	5700 ANSI	70	240	1.3	8.05
Efficacy - 110 LPW						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: LED 300W Flood Light	TYPE: Flood Lighting	CUSTOMER REFERENCE: -	STAMP: (Master Copy) Approved
PREPARED BY Riteshkumar.doshi	CHECKED BY Ganesh.dhuri	APPROVED BY Ganesh.dhuri	

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

2. THIS DRAWING & DESIGN IS THE PROPERTY OF CROMPTON GREAVES CONSUMER ELECTRICALS LTD. AND MUST NOT BE COPIED OR LENT WITHOUT THEIR PERMISSION IN WRITING

3. THE "APPROVED" INDICATED THAT IT IS A CONTROL COPY

4. DIMENSION SHOWN ARE FOR INSTALLATION REFERENCE ONLY AND IN MM WITH TOLERANCE OF $\pm 3\text{mm}$ UNLESS OTHERWISE SPECIFIED

 Crompton Greaves Consumer Electricals Ltd.	TECHNICAL DATA SHEET		FORM No. DSG/FR/08		
			Doc Classification: Restricted-4		
	Division: Lighting	Department: Design and Development	Document Number: TD 0906343		Page 2 of 3
			Revision: R01		Issue No. 1
		Date: 22/09/2023		Issue Date:02-05-2018	

MATERIAL SPECIFICATIONS:	
Housing	Die cast Aluminium powder coated in Grey RAL-7032
Driver Housing	Die cast Aluminium powder coated in Grey RAL-7032
Internal Wiring	PVC coated multistrand wire
Mains Terminal	1 no 3 way 10 amps suitable for terminating max. 2.5 sq mm incoming cable.
Earthing	Suitable for 14 SWG earthing wire.
Surge Arrestor	4 KV Inbuilt in driver and 10KV External inside housing

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240V
Frequency (Hz)	50 Hz ±3
Operating Voltage Range (V)	120 - 270 ~
Current (A) @ 240V	1.3
Wattage (W) @240V	300
P.F.	≥ 0.95
I THD	< 10%

TITLE: LED 300W Flood Light	TYPE: Flood Lighting	CUSTOMER REFERENCE: -	STAMP: (Master Copy) Approved
PREPARED BY Riteshkumar.doshi	CHECKED BY Ganesh.dhuri	APPROVED BY Ganesh.dhuri	

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

2. THIS DRAWING & DESIGN IS THE PROPERTY OF CROMPTON GREAVES CONSUMER ELECTRICALS LTD. AND MUST NOT BE COPIED OR LENT WITHOUT THEIR PERMISSION IN WRITING

3.THE “APPROVED” INDICATED THAT IT IS A CONTROL COPY

4. DIMENSION SHOWN ARE FOR INSTALLATION REFERENCE ONLY AND IN MM WITH TOLERANCE OF +/-3mm UNLESS OTHERWISE SPECIFIED

 Crompton Greaves Consumer Electricals Ltd.	TECHNICAL DATA SHEET		FORM No. DSG/FR/08		
			Doc Classification: Restricted-4		
	Division: Lighting	Department: Design and Development	Document Number: TD 0906343		Page 3 of 3
			Revision: R01		Issue No. 1
		Date: 22/09/2023		Issue Date:02-05-2018	

INSTALLATION:	
Cable Entry	Through Cable Gland
Mounting System	Cradle having 2Nos. 14x25mm slot & 1No. Ø20mm hole provided for mounting
Maintenance	Control Gear Cover can be removed for accessories maintenance.
Protection	IP66

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
CFS-506-300-57-60D-SL-GL-NSG	CLF500800-A2

SPARES ORDERING REFERENCE:				
Product Description	Driver	Glass	Surge Protection	
CFS-506-300-57-60D-SL-GL-NSG	2 Nos 150W@700mA	S0906066	10KV 440V	

TITLE: LED 300W Flood Light	TYPE: Flood Lighting	CUSTOMER REFERENCE: -	STAMP: (Master Copy) Approved
PREPARED BY Riteshkumar.doshi	CHECKED BY Ganesh.dhuri	APPROVED BY Ganesh.dhuri	

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

2. THIS DRAWING & DESIGN IS THE PROPERTY OF CROMPTON GREAVES CONSUMER ELECTRICALS LTD. AND MUST NOT BE COPIED OR LENT WITHOUT THEIR PERMISSION IN WRITING

3.THE “APPROVED” INDICATED THAT IT IS A CONTROL COPY

4. DIMENSION SHOWN ARE FOR INSTALLATION REFERENCE ONLY AND IN MM WITH TOLERANCE OF +/-3mm UNLESS OTHERWISE SPECIFIED