

FLP 3690

FLAME PROOF FLOOD LIGHT FITTING



Mechanical Data

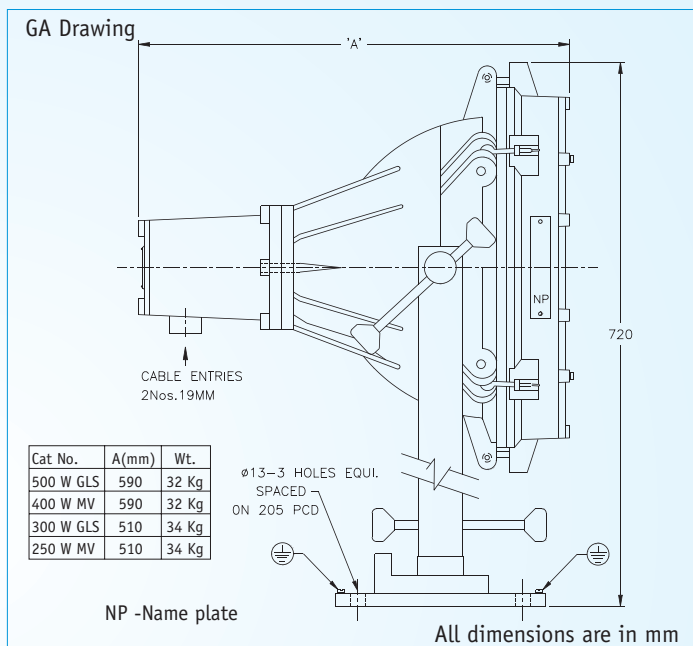
Material	: Cast Aluminium LM6
Weight	: 33 Kg (Approx.,)
IP Protection	: IP 65 as per IS 13947(part 1)-1993/IEC 60529/1989
Finish	: Anti corrosive Epoxy powder coated
Cable Entry	: 1* 0.75" ET/19mm BSC /1" BSC /0.5" NPT/BSP/M20
Glass	: Toughened Borosilicate
Wireguard	: 5 mm Welded steel construction.
Reflector	: Anodised Aluminium
Mounting	: On a cast iron base plate, lockable in any position
Gasket	: Neoprene
Hardware	: Stainless Steel (SS-304)

Electrical Data

Voltage	V : 230 AC , 50 Hz
Lamp Holder	: Porcelain GES Cap - E40
Wiring	: Fibreglass class F insulated 1.5 sq.mm Stranded Copper
Max.Cable size	: 3C x 6 sq.mm
Int.Terminations	: 2 Nos .6 sq.mm crimping lugs
Insulators	: Glass fibre reinforced DMC
Earthing	: External: 2 Nos - M6 Internal : 1 No - M5

Description

Explosion proof Flood light with a separable terminal chamber. A toughened clear flat glass is cemented into a retaining ring which is bolted on to the main body by stainless steel swivel nuts. The luminaire mounted on a base plate is capable of 360 degree rotation on the X axis & between 30 to 120 degrees on the Y axis. The insulators and lamp holders are mounted in the terminal chamber which is bolted to the main body. Weather proof protection is provided by high quality neoprene gaskets.

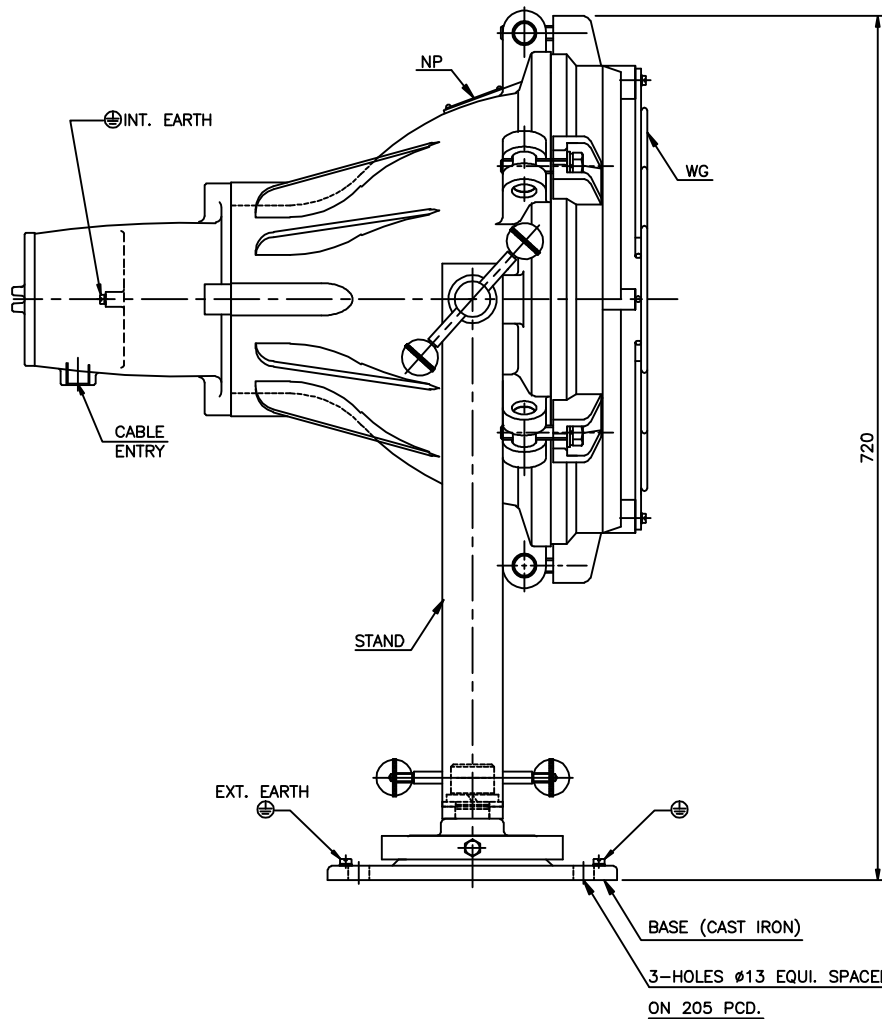


Type of protection	Flame Proof - Exd
Area Classification	Zone 1 & 2
Gas Groups	Group I, II A ,II B
Apparatus Standard	IS-2148:2004(IEC 60079-1/2001)
CIMFR Certificate No.	CIMFR/TC/SR/H1221
Approvals	CCE,BIS
Temp Rating	Refer to table
Wattage Rating	Refer to table

Lamp Rating (W)	Temp. Class
250W HPSV	T6
400W HPSV	T5
250W HPMV	T6
400W HPMV	T4
250W MH	T6
400W MH	T4

IF IN DOUBT ASK

DO NOT SCALE



NOTES:

- GLASS – TOUGHENED CLEAR FLAT GLASS
- LAMP TO SUIT – REFER TABLE
- LAMP HOLDER – GES PORCELAIN ES40
- WG – WIRE GUARD (M.S, EPOXY POWDER COATED – WHITE COLOUR)
- INTERNAL REFLECTOR –AL. POLISHED
- NP –NAME & WARNING PLATE (SS)
- EARTHING – 2Nos. EXTERNAL & 1No. INTERNAL
- HARDWARE – SS304

LAMP TO SUIT	TEMP CLASS
250W HPSV	T6
400W HPSV - 250V AC	T5
250W HPMV - 250V AC	T6
400W HPMV - 250V AC	T4
250W MH	T6
400W MH	T4

ALL DIMENSIONS ARE IN MM.

CABLE ENTRY 2Nos. 0.75 ET.	CUSTOMER :	TITLE : EXPLOSIONPROOF FLOOD LIGHT				
	CONSULTANT :	-	CAT No. : FLP-3690			
	PROJECT:	-	CLASSIFICATION: Exd IIB IP65 ZONE 1&2			
	P.O No.:	-	WT: 36Kgs (APPROX.)	MATL: LM-6	ITEM No.: QTY.:	
	FINISH : EPOXY POWDER COATED LIGHT GREY (SHADE-631) OF IS:5	TOLERANCE: ±5mm.		SCALE N.T.S		
CMRI : V/1/1/1447 DT:30.03.83	IS:13346/04 (IEC:60079-0/00)	NAME	DATE	FOR INFORMATION ONLY		
CCE : R1(1)136/BALIGA/12-XIV DT. 10.06.05	IS:2148/04 (IEC:60079-1/01)	REV-1				
BIS : CM/L-0364341	IS:12063/87 (IEC:60529/89)	REV-2				
Baliga Lighting Equipments Private Limited, KOVILAMBAKKAM, CHENNAI-600117, INDIA.		DRN	S.S	18.03.09	DRG. No. QE36900001	REV 0

केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

बरवा रोड, धनबाद - 826 001, झारखण्ड, भारत



ADDITIONAL FIRST COPY

Central Institute of Mining and Fuel Research

Formerly : Central Mining Research Institute
(Council of Scientific & Industrial Research)
BARWA ROAD, DHANBAD-826 001, JHARKHAND, INDIA

REGISTERED POST/COURIER SERVICE

No. CIMFR/TC/SR/H/221
I.D. No. 986/07

Dated: 31st March, 2008
CODE NO. FLP/221 K/08

To
M/S. BALIGA LIGHTING EQUIPMENTS PVT. LTD.,
389, MEDAVAKKAM ROAD,
KOVILAMBAKKAM,
CHENNAI-600 117

Sub: Supplementary Testing for **REVALIDATION** as per IS: 2148-2004 (IEC 60079-1/2001) of your enclosure for **Flameproof/Weatherproof (IP-65) Flood Light Fitting**, designated by **Cat. No.: FLP-3690** suitable for 300/500W GLS lamps and 250/400W HPMV lamps all at 250V AC/DC (max.), for use in Zone 1 & 2 and Gas Groups: IIA & IIB atmosphere only.

- Report on (REVALIDATION)

Your Ref. Appl. No.: CMRI/6/114/IIB Dated: 06/12/2007

Dear Sir,

Please find enclosed the **Supplementary Test Report** for **REVALIDATION** of the above sample as per IS: 2148-2004.

The above apparatus was earlier certified as per IS: 2148-1981 vide CMRS Test Report No. V/1/1/1447 Dated: 30/03/1983 and subsequent supplementary/Addendum report nos. mentioned in the schedule of this report.

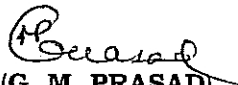
Charges of **Rs. 15, 157/- (Rupees Fifteen thousand One hundred Fifty Seven only)** including contingency involved towards the testing/issuing the schedule have been adjusted against the advance deposit made by you.

Kindly arrange to collect the sample within 90 days from the date of receipt of this letter failing which CIMFR would dispose off the samples by public auction without any further NOTICE to you.

Kindly acknowledge receipt.
Thanking you,

Yours faithfully,

Encl.: As above
Suppl. Report for Revalidation in Triplicate
Copy to: 1. Head, Flame & Explosion Lab.
2. Bill Section.


(G. M. PRASAD)
HEAD OF THE DEPARTMENT
TESTING CELL

Page 1 of 7

फोन-निदेशक Director
Ph.: 0091-326-2202326/2203043

पी० ए० एक्स PAX
Ph.: 0091-326-2203010/2203070/2203090/2205045/2209041

फैक्स FAX
0091-326-2201442/2202429/2204339/2203156

e-mail : dcmrips@yahoo.co.in, dcmri@csir.res.in • Website : www.cmriindia.nic.in

कार्यालय के दिन : सोमवार से शुक्रवार तक Working days : Monday to Friday