

HIGH INTENSITY AVIATION OBSTRUCTION LIGHT
(CONFORMING TO ICAO)



GENERAL TECHNICAL PARTICULAR

SL.NO	TEST PARAMETERS	SPECS.
1	Input Voltage	230 VAC
2	Min/Max Voltage	150 / 270VAC
3	Max./Ave Power	<150 Watt
4	Light intensity against various Background illuminances	
	a) >500 cd m ²	200000 cd +/- 25%
	b) 50-500 cd m ²	20000 cd +/- 25%
	c) < 50 cd m ²	2000 cd +/- 25 %
5	Environment Protection Class (IP 65)	Yes
	a) For Light	Yes
	b) For Control Panel	Yes
	c) Photo Sensor (Hensel Box)	Yes

6	Working Temperatures range	- 40°C to 55°C
7	Wind Load Withstand capability (kph)	80 m / sec
8	Humidity	< 95 % RH
9	Enclosure Material	Aluminium Die-Cast
10	Light Window Material	HIGH QUALITY QUARTZ GLASS
11	Cable Entry dimension details	HOLE Dia: 18.6mm
12	Type of Lamp	SAMSUNG LED
13	Lamp Life	50,000 hours
14	Colour of Light	WHITE
15	Vertical Beam Spread	3° - 7°
16	Flash synchronization	YES
17	Flash Rate	40 - 60 FLASHES / minutes.
18	Dimensional GA drawing for HIAOL submitted (Yes/No)	550mmX360mmX175mm
19	I/P surge protection	Yes
20	CONTROLLER	
	(a) Controller	External
	(b) Manual selection for “day, twi & night mode”	Yes
	(c) Automatic selection of “ day, twi & night mode”	Yes