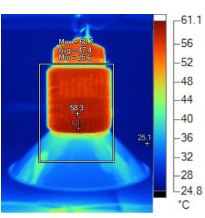


 ideal Lighting Systems Pvt. Ltd.				 			
PRODUCT SPECIFICATIONS							
PRODUCT NAME	LED Weather Proof Bay Light - Platinum			Doc No. - ILS/WP/SPC-125/0			
PRODUCT CODE	WPHBEHB-100-XX-YY			Date : 01.04.2016			
Characteristics		Std. Value					
LUMINARIES	Luminaries wattage	100 Watt					
	Input Voltage	230 V					
	Input Frequency	50 H ₂					
	Input Current	0.5 A					
	Power Factor	> 0.95					
	Athd.	CLASS C					
	Efficiency	91%					
	Light Spreading Angle	60° / 90° / 120°					
	Temperature Class	T6					
	IP Standard	IP65					
	Total Weight	3.96 Kg					
	Starting Time	Rapid (0.2 Sec)					
	Guarantee	5 Years including FLUX/CCT/CRI					
LED LAMP MAKE – CITIZEN JAPAN	Model No	CLU048 - 1818					
	LED type / No of LED Lamp	COB/ Single Lamp					
	Total Lumen @Tc 25°C	14132	14819	14250			
	Lumen Efficacy (lm/ Watt)	157 lm/W	165 lm/W	158 lm/W			
	CCT / Color Rendering index	3000K / RA 70	5000K / RA 70	6500K / RA 80			
	SP Ratio	2-2.25					
	MacAdam Ellipse Stage	STEP 3					
	LED -Wattage/Current/Voltage	90W / 1673ma/ 53.8 V @Tc 25°C					
	Lamp Life	1,00,000 Hours Min.					
	Certifications / Reports	LM70, LM80/Photo Bio. Test / Vibration Test					
	Identification Feature	Unique Serial No. Printed on each Lamp					
	Actual Test Report of CITIZEN LED Lamp	Actual Operating test Report for 63,000Hrs					
LED DRIVER MAKE - MEANWELL	Model No	HBG-100-60					
	Type of Driver	Constant Current (CC)					
	Input Voltage Range	90VAC ~ 305 VAC					
	Frequency Range	47 ~ 63Hz					
	Inrush current	COLD START 60A					
	Leakage current	< 0.75 mA / 240VAC					
	Output Protection	Short Circuit, Over Voltage, Over Current, Over Temperature.					
	Withstand Voltage	I/P-O/P:3.75K VAC Min.					
	Surge Protection	L-N :4KV					
	MTBF /DMTBF	300 KHRS Min / 50,000 HRS @ TCASE 70°C					
OPTICS	Capacitor Life Cycle	50922 HRS @ 50°C					
	Optics Type	Glass Lens / Diffuser					
OPTICS	MOC of Optics	Borosilicate Glass					
FIXTURE \ HEAT SINK	Make of Fixture	ILS Pvt.Ltd.					
	Heat Sink Make	ILS (Own Design)					
	MOC – Heat Sink	Aluminum Extrusion - LM 06					
	Junction Temperature -T _j	75°C					
	Case Temperature- T _c	60°C					
Product Photograph & Thermal Image  							
Reference Documents 1. Power Analyser Report With Harmonics 2. Electrical							