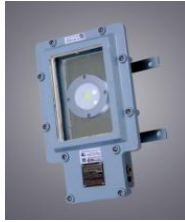
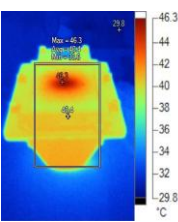
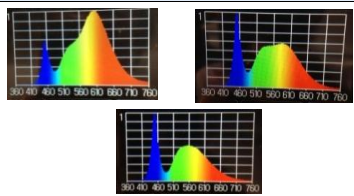
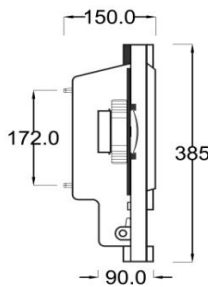
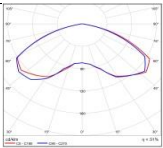


ideal Lighting Systems Pvt. Ltd.																																																											
PRODUCT SPECIFICATIONS																																																											
PRODUCT NAME		LED Flame Proof Bulk Head		Doc No. - ILS/FP/SPC-14/00																																																							
PRODUCT CODE		FLPBHSQ-30-XX-YY		Date : 01.04.2016																																																							
Characteristics		Std. Value																																																									
LUMINARIES	Luminaries wattage	30 Watt																																																									
	Input Voltage	230 V																																																									
	Input Frequency	50 Hz																																																									
	Input Current	0.5 A																																																									
	Power Factor	NA																																																									
	Athd.	CLASS A																																																									
	Electrical Efficiency	84%																																																									
	Light Spreading Angle	120°																																																									
	Temperature Class	T6																																																									
	IP Standard	IP66																																																									
Total Weight	6.08 Kg																																																										
Starting Time	Rapid (0.2 Sec)																																																										
Guarantee	2 Years including FLUX/CCT/CRI																																																										
LED LAMP MAKE – CITIZEN JAPAN	Model No	CLU038 - 1208																																																									
	LED type / No of LED Lamp	COB/ Single Lamp																																																									
	Total Lumen @Tc 25°C	4194	4398	4226																																																							
	Lumen Efficacy (Lm/ Watt)	161 lm/W	169 lm/W	162 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	26 W / 727ma/ 35.8 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	APC-35-700																																																									
	Type of Driver	Constant Current (CC)																																																									
	Input Voltage Range	90VAC ~ 264 VAC																																																									
	Frequency Range	47 ~ 63Hz																																																									
	Inrush current	COLD START 45A																																																									
	Leakage current	< 0.25 mA / 240VAC																																																									
	Output Protection	Over Voltage																																																									
	Withstand Voltage	I/P-O/P:3.75K VAC Min.																																																									
	Surge Protection	L-N :2KV																																																									
	MTBF /DMTBF	518.9K HRS Min / 50,000 HRS @ TCASE 65°C																																																									
Capacitor Life Cycle	57288 HRS @ 40°C																																																										
OPTICS	Optics Type	Glass Diffuser																																																									
	MOC of Optics	Borosilicate Diffused Glass																																																									
	Secondary Optics	Toughned Glass																																																									
FIXTURE \ HEAT SINK	Make of Fixture	Sudhir																																																									
	Certification	CMRI Certified including LED Lamp																																																									
	Heat Sink Make	ILS (Own Design)																																																									
	MOC – Heat Sink	Aluminum Extrusion - LM 06																																																									
	Junction Temperature -T _j	68°C																																																									
Case Temperature- T _c	55°C																																																										
Product Photograph & Thermal Image																																																											
																																																											
		Reference Documents		1. Power Analyser Report With Harmonics																																																							
				2. Electrical Efficiency Reprot																																																							
				3. Spectroradiometric Test Report																																																							
				4. TRT Report																																																							
				5. LM 79 Report																																																							
				6. IP 66 Test Report																																																							
				7. LM 70, LM 80 Report																																																							
		LED Spectrum																																																									
		Schematic Drawing																																																									
		Light Distribution Diagram																																																									
		Actual Test Report		<table><tr><td colspan="2">SERIAL NO.</td><td colspan="5">ILS-4020145</td></tr><tr><td colspan="2">Mfg Date</td><td colspan="5">11-01-2016.1:48:25 PM</td></tr><tr><td colspan="2">LED SR. No.</td><td colspan="5">F14530518913</td></tr><tr><td colspan="2">DRIVER SR. NO.</td><td colspan="5">HB42A79112</td></tr><tr><td rowspan="2">Input</td><td>V</td><td>A</td><td>Hz</td><td>W</td><td>VA</td><td>PF</td></tr><tr><td>241.87</td><td>0.286</td><td>50</td><td>31.13</td><td>69.17</td><td>0.45</td></tr><tr><td rowspan="2">Output</td><td>DC.V</td><td>DC.A</td><td>DC.W</td><td>EFF</td><td colspan="2">THD</td></tr><tr><td>36.88</td><td>0.706</td><td>26.05</td><td>83.68</td><td colspan="2">A class</td></tr></table>		SERIAL NO.		ILS-4020145					Mfg Date		11-01-2016.1:48:25 PM					LED SR. No.		F14530518913					DRIVER SR. NO.		HB42A79112					Input	V	A	Hz	W	VA	PF	241.87	0.286	50	31.13	69.17	0.45	Output	DC.V	DC.A	DC.W	EFF	THD		36.88	0.706	26.05	83.68	A class	
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ILS SPECIALITY : This Fixture is providing required spreaded illumination level without Glare through diffused light. ILS products are having Precise Thermal management for longer life and Precise light spreading angle for required illumination.																																																											
Prepared By		Reviewed By		Approved By																																																							