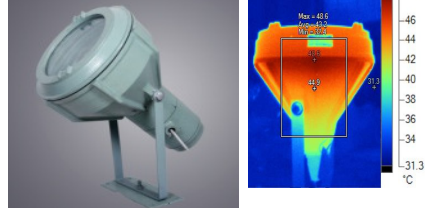
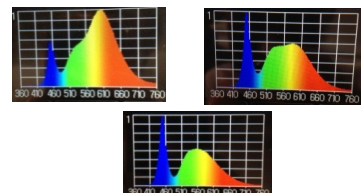
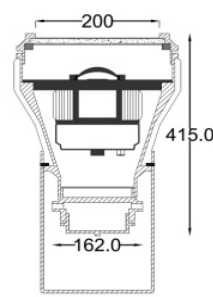
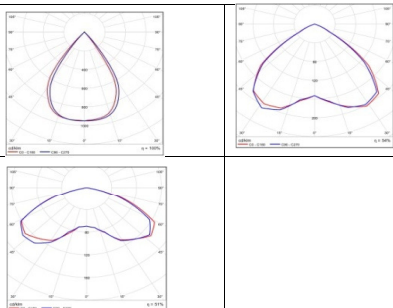


PRODUCT SPECIFICATIONS

PRODUCT NAME		LED Flame Proof Flood Light		Product Photograph Thermal Image																																																							
Characteristics				Std. Value																																																							
LUMINARIES	Luminaries wattage		120 Watt																																																								
	Input Voltage		230 V																																																								
	Input Frequency		50 H ₂																																																								
	Input Current		0.9A																																																								
	Power Factor		> 0.95																																																								
	Athd.		CLASS C																																																								
	Efficiency		91%																																																								
	Light Spreading Angle		60°/ 90°/ 120°																																																								
	Temperature Class		T6																																																								
	IP Standard		IP66																																																								
Total Weight		16.46Kg																																																									
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		16903	17725	17032																																																						
	Lumen Efficacy (lm/ Watt)		151 lm/W	158 lm/W	152 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		112W / 2040mA/ 54.9 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		ELG-150-54																																																								
	Type of Driver		Constant Current (CC)																																																								
	Input Voltage Range		180 ~ 295V AC																																																								
	Frequency Range		47 ~ 63Hz																																																								
	Inrush current		COLD START 65A																																																								
	Leakage current		< 0.75 mA / 277V AC																																																								
	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, L-N-PE:6KV																																																								
	MTBF /DMTBF		313.66K HRS min / 50,000 HRS @ TCASE 75°C																																																								
Capacitor Life Cycle		48117 HRS @ 60°C																																																									
OPTICS	Optics Type		Glass Lens																																																								
	MOC of Optics		Borosilicate Glass																																																								
	Secondary Optics		Toughned Glass																																																								
FIXTURE \ HEAT SINK	Make of Fixture		Saiox																																																								
	Certification		CMRI Certified including LED Lamp																																																								
	Heat Sink Make		(Own Design)																																																								
	MOC – Heat Sink		Aluminum Extrusion - LM 06																																																								
	Junction Temperature -T _J		74°C																																																								
Case Temperature- T _C		55°C																																																									
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"></td></tr><tr><td colspan="2">Mfg Date</td><td colspan="5">16-01-2016.1:18:02 PM</td></tr><tr><td colspan="2">LED SR. No.</td><td colspan="5">F14530518584</td></tr><tr><td colspan="2">DRIVER SR. NO.</td><td colspan="5">HB42A79190</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>242.01</td><td>0.527</td><td>50</td><td>122.44</td><td>127.54</td><td>0.96</td></tr><tr><td rowspan="2">Output</td><td>DC.V</td><td>DC.A</td><td>DC.W</td><td>EFF</td><td>THD</td><td></td></tr><tr><td>56.05</td><td>2.017</td><td>113.06</td><td>92.34</td><td></td><td>C class</td></tr></table>	SERIAL NO.							Mfg Date		16-01-2016.1:18:02 PM					LED SR. No.		F14530518584					DRIVER SR. NO.		HB42A79190					Input	V	A	HZ	W	VA	PF	242.01	0.527	50	122.44	127.54	0.96	Output	DC.V	DC.A	DC.W	EFF	THD		56.05	2.017	113.06	92.34		C class
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Prepared By

Reviewed By

Approved By