

18W LED HW STREET LIGHT

Photometric & Electrical Measurement (As per IES LM 79-08 / IS 16106-12)

18W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 04/01/2019

HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Test Report

Report Number: 01-04-2019 -003		Date:	01-04-2019	
Product Description:				
18W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:		•		
Pressure die casted aluminum housing, SMD LED, Elect	tronic driver etc.			
G, ,				
Test Details:	Docume	Document References/Standard:		
Light intensity distribution Measurement	• IES-LM-79-0	8 "Electrical a	nd Photometric	
Total Lumen output Measurement	Measureme	Measurements of Solid-State Lighting		
Electrical Parameters Measurement	Products"	Products"		
	• IS: 16106-2	012 "Method	of Electrical and	
	Photometric	Photometric solid state lighting (LED)		
	Products"	Products"		
	• IS: 16105-2	IS: 16105-2012 "Method of measurement		
	of Lumen ma	of Lumen maintenance of solid state light		
	sources"		_	
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma		Rajeev Chhabra		

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	r IES LM 79-08)				
Sample ID: 01-04-2019 -003					
Catalogue Reference:			Testing Date:	01-04-2019	
Testing Agency:	HTPL Laboratory		Brand:	HALONIX	
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photometer (Type: PMS – 50/80) with Power Meter				
Ambient Temperature:	25±2°C	Relative Humidity:	65%		
Test Voltage:	240V	Frequency:	50Hz		
Stabilization Time:	30Min	Total Operating Time:	1.30Hours		
Rated Performance Parameters:					
Rated Wattage :	18W	Rated Input Current:	0.087A		
Nomical CCT :	5700K	Nominal CRI:	>70		
	-	•	-		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.076A		
Frequency:	50Hz				
Total Power :	17.92W	Power Factor :	0.982		
Photometric Measurement Data:					
Total Measured Lumen :	1810.28lm	Luminaries Efficacy :	101.02lm/W		
CCT:	5791K	CRI:	72.4		
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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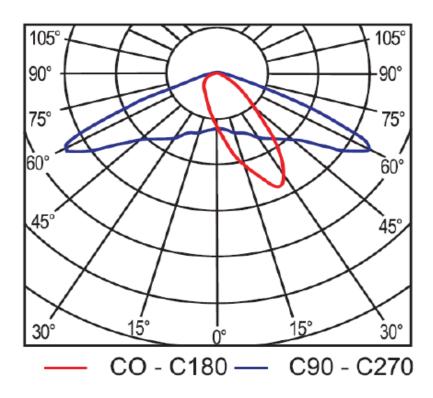
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Light intensity Distribution Diagram



Catalogue Reference	Sample ID	01-04-2019 -003