60W LED POST TOP LIGHT NW

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

60W Energy Efficient LED Post Top Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634)
11/04/2019

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Test Report

Report Number: 04-11-2019 -003	**Date:**	04-11-2019
Product Description: 60W Energy Efficient LED Post Top Light		
Product Catalogue Reference: HLPT-04-60-NW	**Brand:**	HALONIX
Construction: Pressure die casted aluminum housing, Acrylic cover, PC diffuser, SMD LED, Electronic driver etc.		

Test Details:	**Document References/Standard:**
• Light intensity distribution Measurement • Total Lumen output Measurement • Electrical Parameters Measurement	• IES-LM-79-08 “Electrical and Photometric Measurements of Solid-State Lighting Products” • IS : 16106-2012 “Method of Electrical and Photometric solid state lighting (LED) Products” • IS : 16105-2012 "Method of measurement 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 Per IES LM 79-08) **Sample ID:** 04-11-2019 -003			
Catalogue Reference:	HLPT-04-60-NW	**Testing Date:**	04-11-2019
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 :	60W	**Rated Input Current :**	0.289A
Nominal CCT* :	4000K	**Nominal CRI :**	>70

*As per ANSI:- 3985K+/-275K

Measured Electrical Parameters:			
Supply Voltage : **Frequency :**	240V 50Hz	**Input Current :**	0.255A
Total Power :	59.95W	**Power Factor :**	0.980

Photometric Measurement Data:			
Total Measured Lumen :	5135.92lm	**Luminaries Efficacy :**	85.67lm/W
CCT :	4110K	**CRI :**	72.9
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		**Tested By:** Sanjay Sharma	

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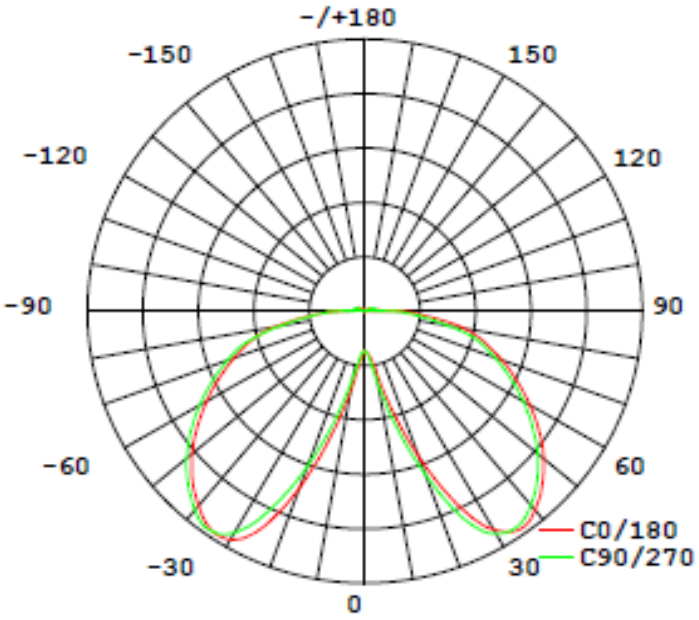
Light intensity Distribution Diagram



Catalogue Reference	HLPT-04-60-NW	**Sample ID**	04-11-2019 -003