120W LED HW STREET LIGHT

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

120W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634)
08/05/2019

HALONIX TECHNOLOGIES PRIVATE LIMITED
HTPL LABORATORY (NABL Certificate No: TC-7634)
Plot-5, Sector-12, IIE, SIDCUL
Haridwar (Uttarakhand), PIN-249403, India
Contact:
Email: customercare@halonix.co.in
Fax:
Web: http://www.halonix.co.in

Test Report

Report Number: 05-08-2019 -001	**Date:**	05-08-2019
Product Description: 120W Energy Efficient LED Street Light		
Product Catalogue Reference: HLSLD-ML04-120-CWL-P	**Brand:**	HALONIX
Construction: Pressure die casted aluminum housing, Glass front visor, 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

HALONIX TECHNOLOGIES PRIVATE LIMITED
HTPL LABORATORY (NABL Certificate No: TC-7634)
Plot-5, Sector-12, IIE, SIDCUL
Haridwar (Uttarakhand), PIN-249403, India
Contact:
Email: customercare@halonix.co.in
Fax:
Web: http://www.halonix.co.in

Electrical & Photometric Test Report

Photometric Test Report: (As Per IES LM 79-08) **Sample ID:** 05-08-2019 -001			
Catalogue Reference:	HLSLD-ML04-120-CWL-P	**Testing Date:**	05-08-2019
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

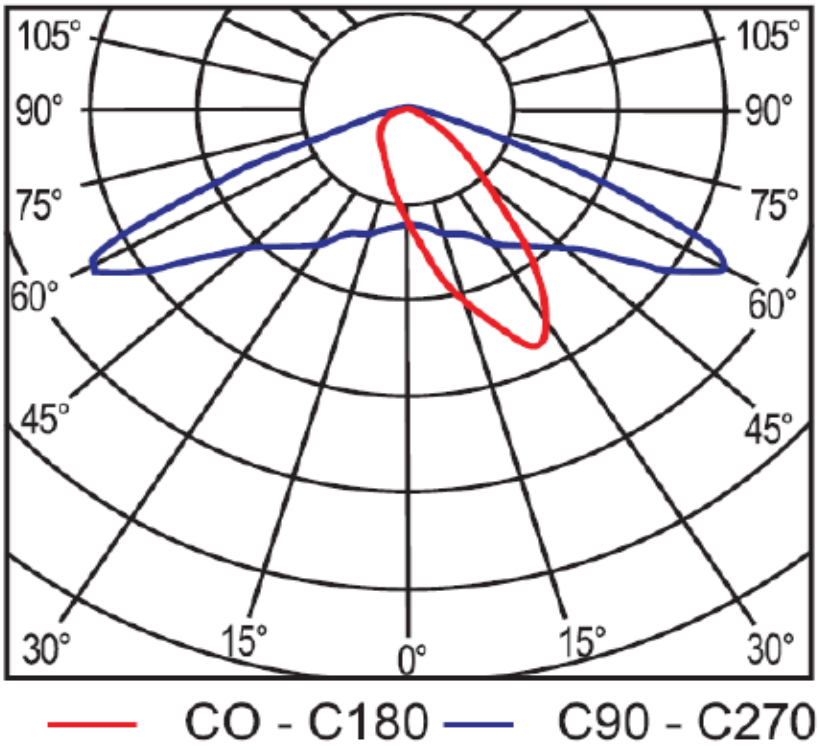
Rated Performance Parameters:			
Rated Wattage :	120W	**Rated Input Current :**	0.553A
Nomical CCT :	5700K	**Nominal CRI :**	>70

Measured Electrical Parameters:			
Supply Voltage : **Frequency :**	240V 50Hz	**Input Current :**	0.509A
Total Power :	119.15W	**Power Factor :**	0.975

Photometric Measurement Data:			
Total Measured Lumen :	12155.68lm	**Luminaries Efficacy :**	102.02lm/W
CCT :	5791K	**CRI :**	72.8
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		**Tested By:** Sanjay Sharma	

HALONIX TECHNOLOGIES PRIVATE LIMITED
HTPL LABORATORY (NABL Certificate No: TC-7634)
Plot-5, Sector-12, IIE, SIDCUL
Haridwar (Uttarakhand), PIN-249403, India
Contact:
Email: customercare@halonix.co.in
Fax:
Web: http://www.halonix.co.in

Light intensity Distribution Diagram



Catalogue Reference	HLSLD-ML04-120-CWL-P	**Sample ID**	05-08-2019 -001