


## TEST REPORT

		Format No. : VTL/FR/19	
Discipline:	Photometry	Group:	Luminaries
Location of testing performance of the Laboratory & its Address:		Vardhamana Testing Laboratory Plot No 403, Udyog Kendra Extn -II Ecotech -3, Greater Noida	
Test Specification:		As per IES LM 79-08	
Report No. :	VTL/TR/2023/05/019	Issue Date :	12/05/2023
ULR No. :	TC112402300000310F	Page No. :	1 of 6
Name & Address of Manufacturer :		DREAMS ELECTRONICS , 256, Udyog Kendra Ext.1 , Ecotech 3rd, Greater Noida , Gautam buddha Nagar , UP, 201306	
Name & Address of Applicants :		DREAMS ELECTRONICS , 256, Udyog Kendra Ext.1 , Ecotech 3rd, Greater Noida , Gautam buddha Nagar , UP, 201306	
<b>PART A. PARTICULARS OF SAMPLE SUBMITTED BY CUSTOMER</b>			
a )Sample Name:		120W Street light	
b) Sample Description (Rating/ Class/Type etc.)		Reted Voltage: 120-270VAC ,Reted Frequency (Hz): 50Hz, Rated wattage : 120W, PF: ≥0.95, CCT: 6500K	
c) Model Number:		SSK.SLG.CF-120WATT	
d) Brand Name:		 Dream Electronics	
e) Quantity of Sample:		01	
f)Date of Receipt of Sample:		10/05/2023	
g) Date of performance of testing:		10/05/2023	
h) Decision Rule Applicable :		NA	
i) Condition of sample received :		Good	
j)Environmental Conditions :		24°C/60% RH	
k) Code No. / Sr. No. / Batch No. / Date of Manufacturer/ Seal & IO's sign , if any			
l) Any Other Information , If Any:		Nil	
<b>PART B: SUPPLEMENTARY INFORMATIONS</b>			
a)Reference to sampling procedure , wherever applicable			N/A
b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and /or photographs , as appropriate to test report , if any (To be attached ):			See attachment 1
c) Deviation from the test methods as prescribed in relevant ISS/ work instructions,			N/A



Tested By:	Approved By (Authorized Signatory):	Issued By:
		
Bhuwan Verma (Testing Engineer)	R.K. Srivastava (Technical Manager)	Pooja Jain (Lab Head)

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### 6. Test Conducted :

Sl. No.	CL. no.	Tests with Clause No.	Parameter	Observation
1.		Electrical Parameter		
a.	8	(LM-79-08)	Input Voltage (V)	230.29 V
b.			Input Current(I)	0.5218 A
c.		----	power(W)	119.92 W
D			Power Factor	0.9980
2.a)	9	Photometric Parameter ( LM 79-08 )	Luminous Flux	15105.38 lm
b.			Luminous Intensity Distribution	Graph attached
	11		Luminaire Efficacy	125.96 lm/W
3.	12	Color Characteristics( LM 79-08 )	Chromaticity - Coordinate	
a.			X- Coordinate	0.3137
			Y-Coordinate	0.3410
b.			Correlated Color Temperature	6369k
c.			Rendering Index	70.6

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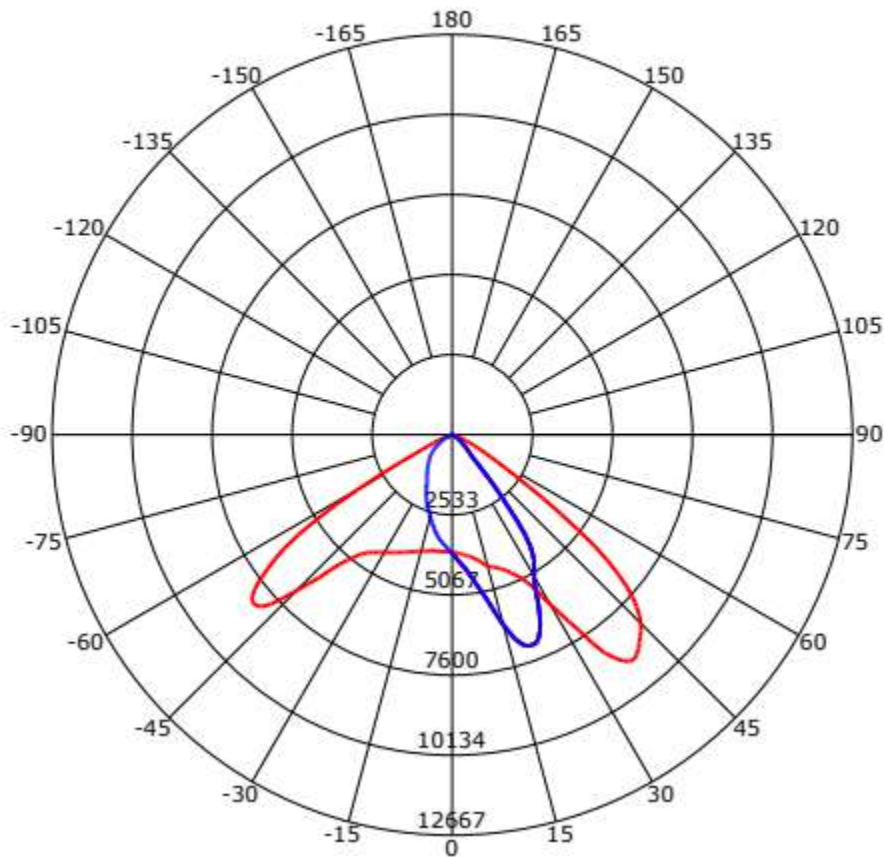
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## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



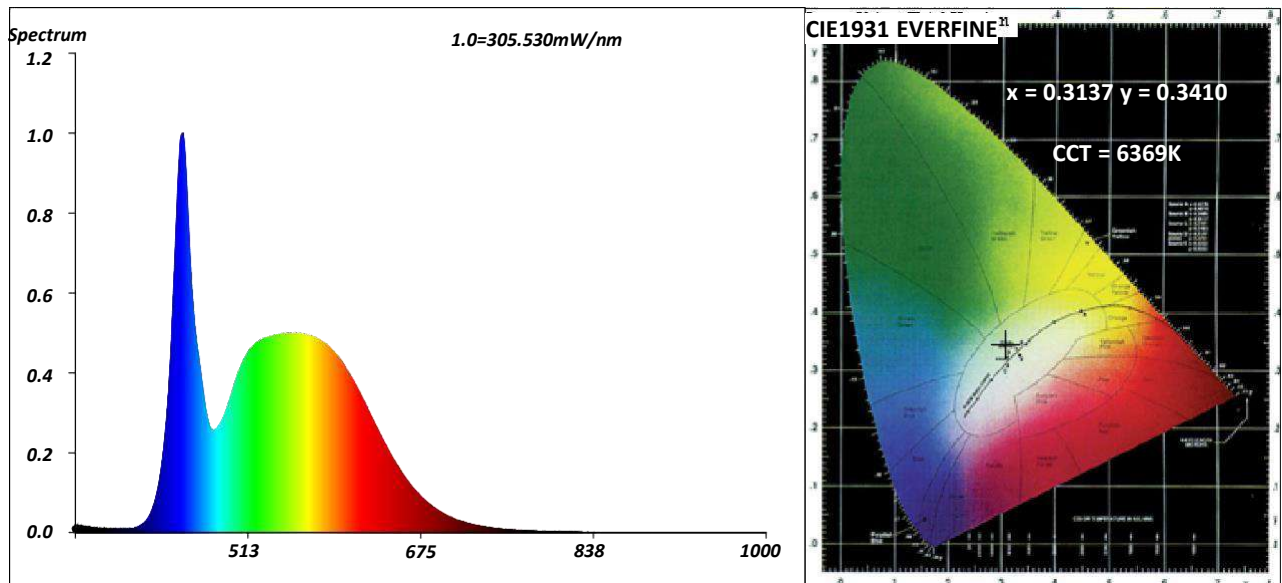
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### Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate:  $x=0.3137$   $y=0.3410$   $u'=0.1944$   $v'=0.4745$

CCT=6369K (Duv=0.0084) Dominant WL:  $\lambda_d = 496.5\text{nm}$  Purity=6.2%

Ratio: R=12.9% G=81.6% B=5.5% Peak WL:  $\lambda_p = 451.1\text{nm}$  FWHM=22.2nm

Render Index:  $R_a=70.6$  CRI=73.7 AvgR=73.6  
 $R1=78$   $R2=86$   $R3=92$   $R4=81$   $R5=80$   $R6=82$   $R7=88$   
 $R8=66$   $R9=0$   $R10=68$   $R11=80$   $R12=58$   $R13=80$   $R14=96$   $R15=72$



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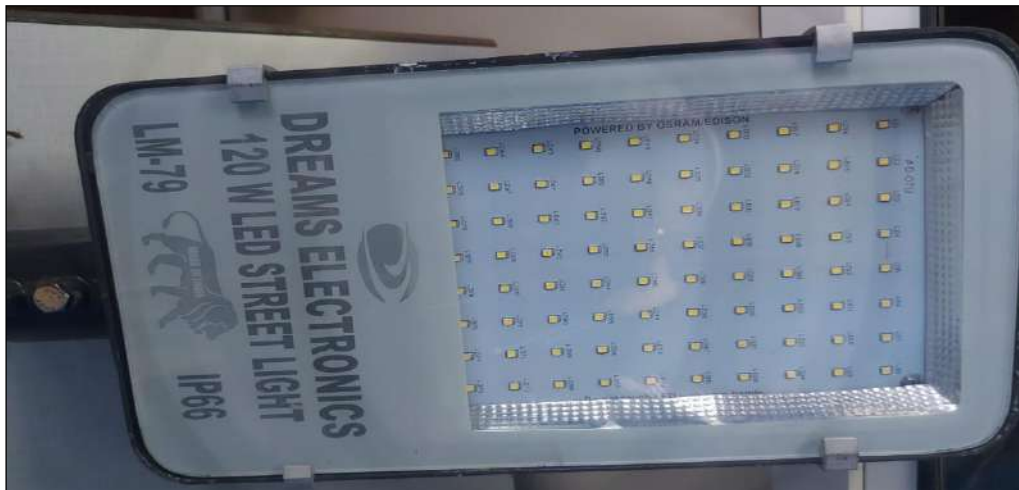
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Sample Photo :-

Attachment 1:-

Front Side :-



Back Side :-



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### General Remarks (If any):

1. This Report refers to the particular item submitted for testing.
2. This Report shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from the Authorised Signatory of VARDHAMANA TESTING LABORATORY GREATER NOIDA
3. The results reported in the report are valid at the time of and under the stated conditions of measurement.
4. Reporting Statement of Conformity VTL shall apply decision as inherent in the requested test specification. If, Decision rule is not specified in the test specification then Lab will follow ILAC G8 (Guideline of decision rule of Conformity).
- 5.

**END OF REPORT**



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