

**LM-79-08 TEST REPORT: ISF 34853S**

CATALOG: MSPL2 P30 30K AS P B 7

Test #: ISF 34853S
 Test Date: 5/23/2017
 Catalog: MSPL2 P30 30K AS P B 7
 Description: LM79 for DLC Submission
 Configuration:

Luminous Flux(LU): 5310

Input Power(Watts): 51.91

Efficacy(LU/Watts): 102.29

CCT: 3051

CRI: 73.23

EVALUATED PARAMETERS

Luminous Flux
 Correlated Color Temperature (CCT)
 Color Rendering Index (CRI)
 Chromaticity Coordinates
 Luminous Efficacy
 Input electrical including Volts, Amps, Watts, Power Factor, and Frequency

TEST LAB: Acuity Brands Lighting, Decatur Lab, 1 Acuity Way, Decatur, GA 30035**TEST EQUIPMENT**

Number	Make	Model #	Serial #	Type	Scale	Cal. Date	Cal. Due
177	GENERAL	DT80-2	121203151	THERMOCOUPLE METER	°F/°C	4/11/2017	4/11/2018
194	LABSPHERE	CDS-3020	98010570	SPECTROMETER		3/20/17	3/20/18
195	LABSPHERE	LS-100-0833	1117152591	LAMP POWER SUPPLY		01/16/2017	01/16/2018
197	YOKOGAWA	WT1030/253630	27BX0451	DIGITAL POWER METER		01/16/2017	01/16/2018

The Measuring and Test Equipment used for tests have the minimum required accuracy and range/functions, and were calibrated to assure these levels.

TEST CONDITIONS

Sample was tested in accordance with IES LM - 79 - 08 Approved Method Electrical and Photometric Measurements of Solid - State Lighting Products.

Sphere tests were performed in a 3 Meter Labsphere integrating sphere located in a lab ambient of 25 deg C. Self -absorption correction is applied to the sample being tested to correct for mismatches between the sample and the standard lamp used to calibrate the sphere.

TEST SIGN OFF

Tested By: Brian.Buggs@AcuityBrands.com Reviewed By: meghna.damle@acuitybrands.com

ISF 34853S (NOT PUBLISHED)

ACUITY DATA SHEET VERSION: PDM1 ISSUED 10/15/2010

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Photometric Data

Luminous Flux(LU):	5310
SP Ratio:	1.24
CCT:	3051
CRI:	73.23
Chroma x:	0.4346
Chroma y:	0.4055
Chroma u:	0
Chroma v:	0
Chroma u':	0.2484
Chroma v':	0.5216
Duv Value:	0.0009

Electrical

Input Power(Watts):	51.91
Input Volts(Volts AC):	120.2
Input Current(Amps):	0.43
Frequency(Hertz):	60
Power Factor:	1

Calculated

Efficacy(LU/Watts):	102.29
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Test Information

Stabilization Time:	30min
Integration Time:	217ms
Test Point	50.6C
Temperature:	
Ambient	24.6C
Temperature:	
Absorption	Enabled
Correction Used:	

R Values

Ra:	73.23
R1:	69.85
R2:	83.54
R3:	94.05
R4:	68.18
R5:	68.47
R6:	76.52
R7:	78.96
R8:	46.32
R9:	-26.25
R10:	61.08
R11:	62.35
R12:	47.20
R13:	72.59
R14:	96.69

