

**LM-79-08 TEST REPORT: ISF 34852S**

CATALOG: MSPL2 P10 30K AS P B 7

Test #: ISF 34852S  
 Test Date: 5/23/2017  
 Catalog: MSPL2 P10 30K AS P B 7  
 Description: LM79 for DLC Submission  
 Configuration:

Luminous Flux(LU): 2906

Input Power(Watts): 26.81

Efficacy(LU/Watts): 108.39

CCT: 3041

CRI: 73.49

**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**

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ISF 34852S (NOT PUBLISHED)

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

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Photometric Data

Luminous Flux(LU):	2906
SP Ratio:	1.24
CCT:	3041
CRI:	73.49
Chroma x:	0.4357
Chroma y:	0.4067
Chroma u:	0
Chroma v:	0
Chroma u':	0.2486
Chroma v':	0.5222
Duv Value:	0.0012

Electrical

Input Power(Watts):	26.81
Input Volts(Volts AC):	120.18
Input Current(Amps):	0.23
Frequency(Hertz):	60
Power Factor:	0.98

Calculated

Efficacy(LU/Watts):	108.39
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Test Information

Stabilization Time:	35min
Integration Time:	406ms
Test Point Temperature:	41.7C
Ambient Temperature:	24.6C
Absorption Correction Used:	Enabled

R Values

Ra:	73.49
R1:	70.18
R2:	83.53
R3:	94.07
R4:	68.85
R5:	68.81
R6:	76.68
R7:	79.18
R8:	46.60
R9:	-25.73
R10:	61.22
R11:	63.48
R12:	46.80
R13:	72.84
R14:	96.69

