

**LM-79-08 TEST REPORT: ISF 201031S**

CATALOG: ACP0LED P40 XXXXX 66 40K

Test #: ISF 201031S
 Test Date: 12/18/2019
 Catalog: ACP0LED P40 XXXXX 66 40K
 Description: ACP0LED P40 PERFORMANCE PACKAGE, 6 BY 6 DISTRIBUTION, 40K
 Configuration:

Luminous Flux(LU): 22669.9

Input Power(Watts): 151.1

Efficacy(LU/Watts): 150.03

CCT: 3946

CRI: 71.63

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
194	LABSPHERE	CDS-3020	98010570	SPECTROMETER		2/8/2019	2/8/2020
195	LABSPHERE	LS-100-0833	1117152591	LAMP POWER SUPPLY		01/7/2019	01/7/2020
197	YOKOGAWA	WT1030/253630	27BX0451	DIGITAL POWER METER		01/7/2019	01/7/2020
240	FLUKE	179 TRUE RMS	19890232	MULTIMETER	V/A	1/7/2019	1/7/2020
244	GENERAL	DT80-2		THERMOCOUPLE READER		1/7/2019	1/7/2020

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: __johnnie.knox@acuitybrands.com__ Reviewed By: __jhospodarsky@lithonia.com__

ISF 201031S (NOT PUBLISHED)

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

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CATALOG: ACPOLED P40 XXXXX 66 40K



Photometric Data

Luminous Flux(LU):	22669.9
SP Ratio:	1.52
CCT:	3946
CRI:	71.63
Chroma x:	0.385
Chroma y:	0.3858
Chroma u:	0.2245
Chroma v:	0.3375
Chroma u':	0.2245
Chroma v':	0.5062
Duv Value:	0.0029

Electrical

Input Power(Watts):	151.1
Input Volts(Volts AC):	120
Input Current(Amps):	1.26
Frequency(Hertz):	60
Power Factor:	1
THD:	6.16

Calculated

Efficacy(LU/Watts):	150.03
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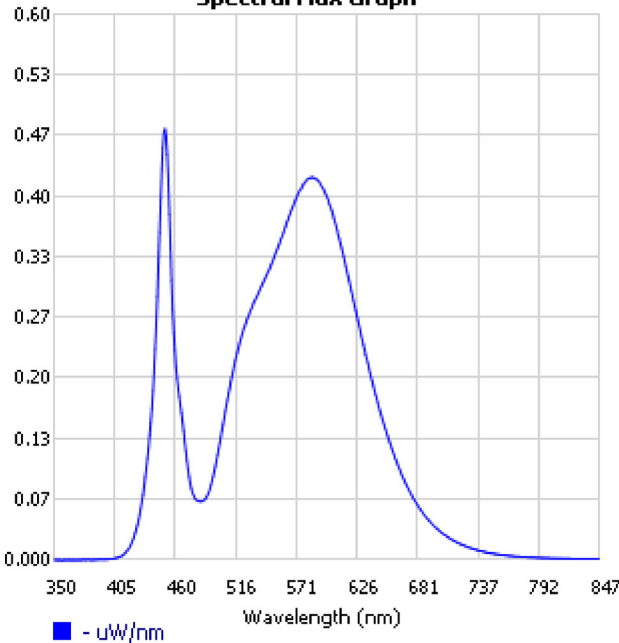
Test Information

Stabilization Time:	64min
Integration Time:	8ms
Test Point	39.6C
Temperature: Ambient	25C
Temperature: Absorption	Enabled
Correction Used:	

R Values

Ra:	71.6272
R1:	67.5568
R2:	79.7567
R3:	89.7227
R4:	69.2682
R5:	67.5452
R6:	71.3668
R7:	80.2585
R8:	47.5429
R9:	-40.7853
R10:	52.5265
R11:	64.6985
R12:	41.0119
R13:	69.9564
R14:	94.2975

Spectral Flux Graph



Chromaticity Diagram

