

**LM-79-08 TEST REPORT: ISF 201030S**

CATALOG: ACPOLED P30 XXXXX 66 40K

Test #: ISF 201030S
 Test Date: 12/18/2019
 Catalog: ACPOLED P30 XXXXX 66 40K
 Description: ACPOLED P30 PERFORMANCE PACKAGE, 6 BY 6 DISTRIBUTION, 40K
 Configuration:

Luminous Flux(LU): 18147.65

Input Power(Watts): 119.1

Efficacy(LU/Watts): 152.37

CCT: 3929

CRI: 71.57

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

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Photometric Data

Luminous Flux(LU): 18147.65
 SP Ratio: 1.51
 CCT: 3929
 CRI: 71.57
 Chroma x: 0.386
 Chroma y: 0.3871
 Chroma u: 0.2247
 Chroma v: 0.3379
 Chroma u': 0.2247
 Chroma v': 0.5069
 Duv Value: 0.0032

Electrical

Input Power(Watts): 119.1
 Input Volts(Volts): 120
 AC:
 Input: 1
 Current(Amps):
 Frequency(Hertz): 60
 Power Factor: 1
 THD: 7.48

Calculated

Efficacy(LU/Watts): 152.37

Test Information

Stabilization Time: 50min
 Integration Time: 10ms
 Test Point: 37C
 Temperature:
 Ambient: 25C
 Temperature:
 Absorption: Enabled
 Correction Used:

R Values

Ra: 71.5712
 R1: 67.4746
 R2: 79.6704
 R3: 89.7757
 R4: 69.3029
 R5: 67.4602
 R6: 71.3116
 R7: 80.2427
 R8: 47.3315
 R9: -41.2799
 R10: 52.4373
 R11: 64.8406
 R12: 40.6199
 R13: 69.867
 R14: 94.3355

