

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

CATALOG: ACP0LED P30 XXXXX 66 40K

Test #: ISF 201030S
 Test Date: 12/18/2019
 Catalog: ACP0LED P30 XXXXX 66 40K
 Description: ACP0LED 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

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

ISF 201030S (NOT PUBLISHED)

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

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CATALOG: ACPOLED P30 XXXXX 66 40K



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

Calculated

| | |
|---------------------|--------|
| Efficacy(LU/Watts): | 152.37 |
|---------------------|--------|

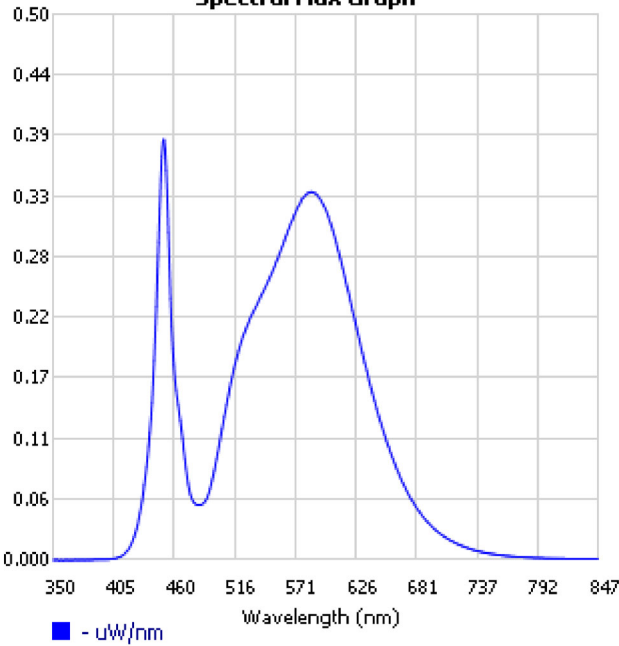
Test Information

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

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 |

Spectral Flux Graph



Chromaticity Diagram

