

LM-79-08 TEST REPORT: ISF 191946S

CATALOG: ATBX P60 R2 30K



TEST #: ISF 191946S
TEST DATE: 4/3/2019
CATALOG: ATBX P60 R2 30K
DESCRIPTION: ATBX P60 PERFORMANCE PACKAGE, TYPE 2 DISTRIBUTION 3000K
CONFIGURATION:

LUMINOUS FLUX(LU): 6392
INPUT POWER(WATTS): 51.72
EFFICACY(LU/WATTS): 123.59
CCT: 3020
CRI: 71.1

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
44	FLUKE	2100A	535031	DIGITAL THERMOMETER	°C	1/7/2019	1/7/2020
151	LABSPHERE	LPS-200-H	6906	POWER SUPPLY	V,A	1/07/2019	1/07/2020
152	LABSPHERE	CDS1100	701099729			01/07/2019	1/07/2020
173	VOLTECH	PM1000		POWER ANALYZER	V/A/W	1/07/2019	1/07/2020

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 2 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: ROBERT.COMAN@ACUITYBRANDS.COM REVIEWED BY: MEGHNA.DAMLE@ACUITYBRANDS.COM

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PHOTOMETRIC DATA

LUMINOUS FLUX(LU):	6392
SP RATIO:	1.23
CCT:	3020
CRI:	71.1
CHROMA X:	0.4371
CHROMA Y:	0.407
CHROMA U:	0.2494
CHROMA V:	0.3484
CHROMA U':	0.2494
CHROMA V':	0.5226
DUV VALUE:	0.0011

ELECTRICAL

INPUT POWER(WATTS):	51.72
INPUT VOLTS(VOLTS AC):	120
INPUT CURRENT(AMPS):	0.44
FREQUENCY(HERTZ):	60
POWER FACTOR:	0.9908
THD:	5.046

CALCULATED

EFFICACY(LU/WATTS):	123.59
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TEST INFORMATION

STABILIZATION TIME:	49MIN
INTEGRATION TIME:	309MS
TEST POINT	43.1C
TEMPERATURE:	
AMBIENT TEMPERATURE:	25C
ABSORPTION	ENABLED
CORRECTION USED:	

R VALUES

RA:	71.09682
R1:	66.3
R2:	81.8
R3:	94.9
R4:	67.6
R5:	67.1
R6:	76.7
R7:	75.6
R8:	38.7
R9:	-44.2
R10:	60.9
R11:	64.2
R12:	58.4
R13:	69.1
R14:	97.2

