

Photometrics Pro

Luminaire Photometric Report

Filename: 60 W 360

Manufacturer: YJBLED

Luminaire: EXTRUDED DIFFUSE METAL FRAME WITH CAST SEMI-DIFFUSE METAL CORNERS, FORMED PERFORATED METAL TOP CAGE, SIX CAST METAL HEAT SINKS, EACH HEAT SINK HAS TEN LED MODULES, EACH LED MODULE CONTAINS: CAST FINNED METAL BODY, ONE CIRCUIT BOARD WITH ONE LED, CLEAR SEMI-HEMISPHERICAL PLASTIC LENS WITH RECESSED BOTTOM AND CYLINDRICAL SIDES.

Luminaire Cat: 201-60WL

Lamp: SIXTY 1-WATT WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDs) EACH WITH CLEAR HEMISPHERICAL INTEGRAL LENS, VERTICAL BASE-UP POSITION.

Lamp Output: 1 lamp(s), rated Lumens/lamp: 4971

Max Candela: 2,021.5 at Horizontal: 15, Vertical: 50

Input Wattage: 57

Luminous Opening: Rectangle (L: 1.61ft, W: 1.14ft)

Test: ITL61362 - Simulated 60W

Test Lab: INDEPENDENT TESTING LABORATORIES, INC.

Photometry : Type C

CIE Class: Direct

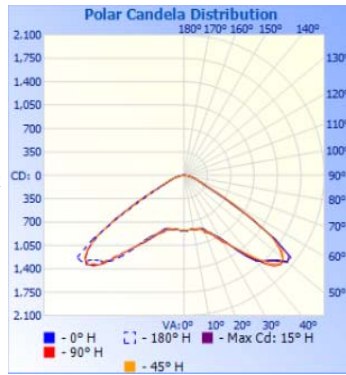
Roadway Summary

Cutoff Classification:	FULL CUTOFF	
Distribution:	TYPE II, VERY SHORT	
Max Cd, 90 Deg Vert:	0	
Max Cd, 80 to <90 Deg:	88.5	
Lumens % Lamp		
Downward Street Side:	2,485.6	50%
Downward House Side:	2,485.6	50%
Downward Total:	4,971.2	100%
Upward Street Side:	0	0%
Upward House Side:	0	0%
Upward Total:	0	0%
Total Lumens:	4,971.2	100%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	773.0	15.6%	15.5%
0-40	1,621.2	32.6%	32.6%
0-60	4,388.2	88.3%	88.3%
60-90	583.2	11.7%	11.7%
0-90	4,971.4	100%	100%
90-180	0	0%	0%
0-180	4,971.4	100%	100%

Efficiency Total: 100%

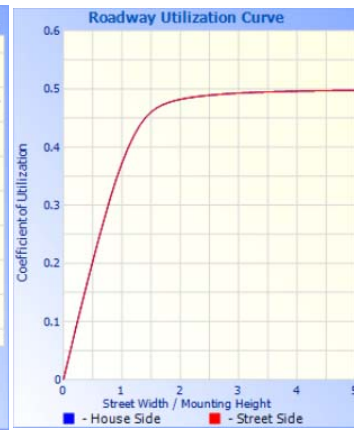
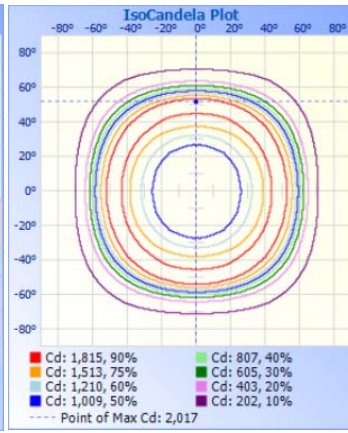
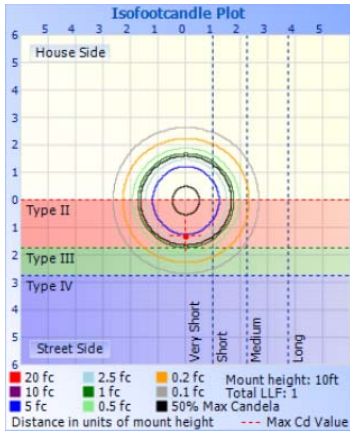


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.7%	4,808.9	114.2	141.8
Beam (50%):	74.1%	3,685.6	62	31.4
Total:	100%	4,969.4		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	78.1	1.6%	90-100	0	0%
10-20	237.7	4.8%	100-110	0	0%
20-30	457.2	9.2%	110-120	0	0%
30-40	848.2	17.1%	120-130	0	0%
40-50	1,421.1	28.6%	130-140	0	0%
50-60	1,345.9	27.1%	140-150	0	0%
60-70	406.1	8.2%	150-160	0	0%
70-80	143.9	2.9%	160-170	0	0%
80-90	33.2	0.7%	170-180	0	0%



Illuminance at a Distance

Center Beam FC	Beam Width
11.83 fc	4.7ft 10.0ft
2.96 fc	9.4ft 20.0ft
1.31 fc	14.0ft 30.0ft
0.74 fc	18.7ft 40.0ft
0.47 fc	23.4ft 50.0ft
0.33 fc	28.1ft 60.0ft

■ Vert. Spread: 31.4° ■ Horiz. Spread: 62.0°

Luminaire Report Summary

[IESNA:LM-63-2002
[TEST]ITL61362 - Simulated 60W
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.
[ISSUE DATE]11/25/08
[MANUFAC]YJBLED
[LUMCAT]201-60WL
[LUMINAIRE]EXTRUDED DIFFUSE METAL FRAME WITH CAST SEMI-DIFFUSE METAL
[MORE]CORNERS, FORMED PERFORATED METAL TOP CAGE, SIX CAST METAL
[MORE]HEAT SINKS, EACH HEAT SINK HAS TEN LED MODULES, EACH LED
[MORE]MODULE CONTAINS: CAST FINNED METAL BODY, ONE CIRCUIT BOARD
[MORE]WITH ONE LED, CLEAR SEMI-HEMISPHERICAL PLASTIC LENS WITH
[MORE]RECESSED BOTTOM AND CYLINDRICAL SIDES.
[LAMP]SIXTY 1-WATT WHITE MULTI-CHIP LIGHT EMITTING
[MORE]DIODES (LEDS) EACH WITH CLEAR HEMISPHERICAL INTEGRAL LENS,
[MORE]VERTICAL BASE-UP POSITION.
[OTHER]TOTAL INPUT WATTS = 57.0 AT 120.0 VOLTS
[OTHER]TEST DISTANCE = 25.25 FEET
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_LEDDRIVER]YJBLED C0900 AP 150 LED SY
[_NOTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT
[MORE]VOLTAGE (120VAC, 60Hz) TO THE LED DRIVER. LED DRIVER
[MORE]INFORMATION PROVIDED BY CLIENT.
FILE: CANDELA MULTIPLIER: 0.5
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 21
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1