



T652LEDB

LED FULL CUT-OFF WALL PACK

JOB INFORMATION

Type: _____
Catalog No: _____
Project Name: _____
Comments: _____
Prepared by: _____

T652LEDB

FEATURES

USE OF PRODUCT

The intended use of this product is for any outdoor commercial or industrial building accent, pedestrian walkways, public access areas, or recreation areas.

HOUSING

Rugged die cast aluminum housing with hinged frame. 1/2" Coin plugs with O-rings for conduit & photocell.

FINISH

Matt-finished, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for made to order architectural finishes.

OPTICS

Tempered UV coated flat lens provide outstanding performance, uniformity, and glare control.

LED

LED engine available in 3000K, 4000K, 5000K. Color temperature may be modified in field or preset by factory. LED Mounted to aluminum heat sink for maximum life output and thermal management.

DRIVER

Durable and long lasting LED driver operates at 120-277V and boasts a 90% power factor at 50 to 60 Hz with 0-10V Dimming Constant Current. Fixture available in two packages. LS1 (1300, 2600, 3900, 5200lm) & LS3 (3900, 7800, 11700, 15600lm). Watts may be modified in field or preset by factory available upon request -30°C Min Temp. 45°C Max Temp.

MOUNTING

Cast-in template for mounting directly over a 4" recessed outlet box or 1/2" surface conduit.

LISTINGS/COMPLIANCE

- DLC.
- UL - Listed for wet location.
- Dark Sky Compliant
- CEC compliant emergency driver.

PERFORMANCE DATA

Wattage	Delivered Lumens	Voltage	CRI
10W	1300lm	120-277V	70
20W	2600lm	120-277V	70
30W	3900lm	120-277V	70
40W	5200lm	120-277V	70

130 lm per watt

Wattage	Delivered Lumens	Voltage	CRI
30W	3900lm	120-277V	70
60W	7800lm	120-277V	70
90W	11700lm	120-277V	70
120W	15600lm	120-277V	70

130 lm per watt

B.U.G RATING

B	U	G
1	0	2



ORDERING INFO

SERIES	WATT/LUMENS	COLOR TEMPERATURE	VOLTAGE	OPTICS	FINISH	OPTIONS
T652LEDB	WS40 - Wattage Selectable (10W, 20W, 30W, 40W)	CTS - Color Temperature Selectable (3000K, 4000K, 5000K)	UNV - 120V-277V	T2 - Type 2 T3¹ - Type 3 T4 - Type 4	BZ - Bronze MT0 - Made to order MGTO - Marine grade made to order	PC - Photocell 120-277V EM8W - Emergency battery, 8W (WS40) EM20W - Emergency battery, 20W (WS120) MW - Microwave Motion sensor MSR - Standard PIR Motion Sensor Remote MFR - FSP311 PIR Motion Sensor Remote SP10 - Surge protector 10KV TRS - Tamper Resistant Screw CEM15W - Cold Pack Integral Emergency Battery
	S10W - Set at 10W	S30K - Color Temp. set at 3000K				
	S20W - Set at 20W	S40K - Color Temp. set at 4000K				
	S30W - Set at 30W	S50K - Color Temp. set at 5000K				
	S40W - Set at 40W					
	WS120 - Wattage Selectable (30W, 60W, 90W, 120W)					
	S30W - Set at 30W					
	S60W - Set at 60W					
	S90W - Set at 90W					
	S120W - Set at 120W					

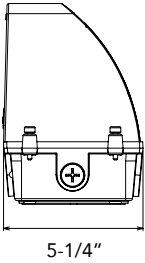
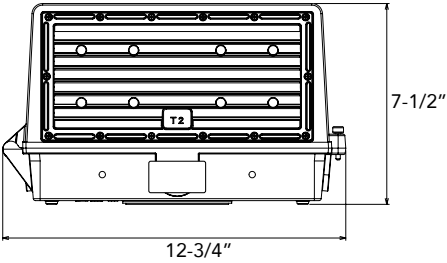
Notes

1. Standard distribution type

T652LEDB

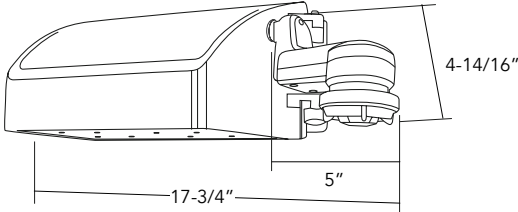
LED FULL CUT_OFF WALL PACK

DIMENSIONS

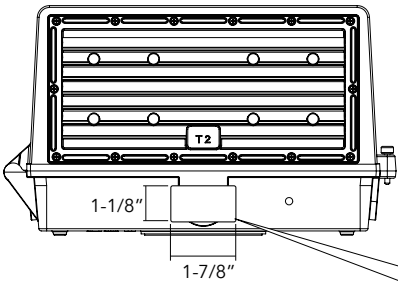


Weight: 6 lbs

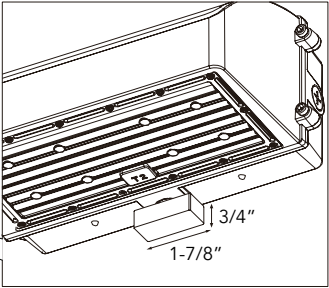
MOTION SENSOR DIMENSIONS



MSR - Standard PIR Motion Sensor Remote
MFR - FSP311 PIR Motion Sensor Remote



MW - Microwave Motion sensor



10W

Color Temperature	4000K
Nominal Power(W)	10
Rated Voltage	120
Nominal Flux (lm)	1858.4
Test Voltage (V)	120
Imax (cd)	743.2
LOR(%)	100
Total Flux (lm)	1858.4
CIE Class	Direct
Type:	Low

Test Date	7Apr23
Series	T652LEDB

Height	Diameter	Angle: 97.88deg	Distance
1m	256.4, 594.31m		227.88cm
2m	446.09, 149.61m		455.17cm
3m	28.40, 66.04m		682.78cm
4m	16.02, 37.15m		910.33cm
5m	10.25, 23.77m		1137.91cm
6m	7.123, 16.91m		1365.50cm
7m	5.232, 12.10m		1593.08cm
8m	4.056, 9.286m		1820.66cm
9m	3.165, 7.337m		2048.24cm
10m	2.566, 5.943m		2275.83cm

Figure 1 is a graph showing the relationship between the depth of the water (H in meters) and the distance from the shore (S in meters). The y-axis represents H (m) from 3 to 12, and the x-axis represents S (m) from 0.0 to 9.0. The curves represent different water depths: 87.0, 72.0, 58.0, 43.0, 29.0, 14.0, 12.0, 7.50, 5.80, and 4.30 meters. The curves show that for a given depth, the distance from the shore increases as the depth increases.

10K 74.32
 20K 246.6
 30K 222.8
 40K 297.3
 50K 371.6
 60K 445.9
 70K 520.2
 80K 594.5
 90K 668.8

H0K = 657.34
 H0K = 184.15
 X0K = 450.12
 X0K/H0K = -0.69
 H0K/H0K = 0.28

Enns 743.2 (H0, G, Y=57.0)
 UMS: cd

20W

Color Temperature	4000K
Nominal Power(W)	30
Rated Voltage	120
Nominal Flux (lm)	3612.48
Test Voltage (V)	120
Imax (cd)	1446
LOR(%)	100
Total Flux (lm)	3612.5
CIE Class	Direct
Type:	20W

Test Date	7Apr23
Series	T652LEDB

Flux was:1972 in			
1m	499.4,13561x		227.42cm
2m	124.4,289.11x		454.84cm
3m	85.80,120.51x		682.27cm
4m	61.15,72.241x		909.69cm
5m	19.94,46.291x		1137.11cm
6m	13.85,32.121x		1364.53cm
7m	10.17,23.601x		1591.96cm
8m	7.788,18.071x		1819.38cm
9m	6.184,14.271x		2046.80cm
10m	4.884,11.541x		2274.22cm
Height	Ray,mm	Angle:97.84deg	Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaires is at different distance

WS1 - Wattage Selectable (10W,20W,30W,40W)

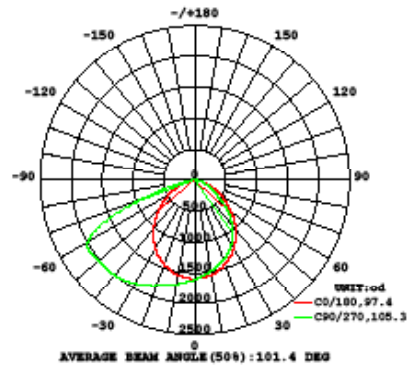
30W

Test Date 7Apr23
Series T652LEDB

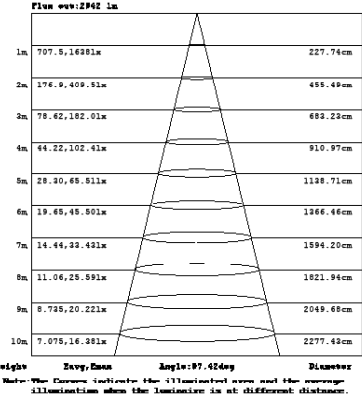
Characteristics

Color Temperature	4000K
Nominal Power(W)	30
Rated Voltage	120
Nominal Flux (lm)	5124.2
Test Voltage (V)	120
Imax (cd)	2058
LOR(%)	100
Total Flux (lm)	5124.2
CIE Class	Direct
Type:	30W

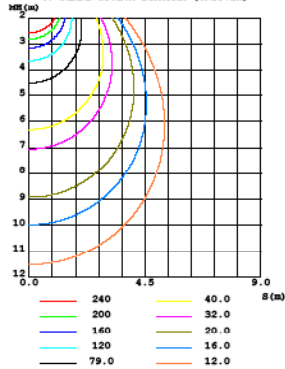
Luminous intensity distribution diagram



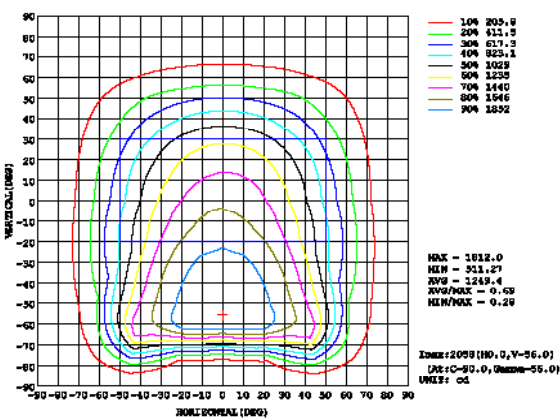
AAI Figure



Co plane Isolux Diagram



Isocandela Diagram



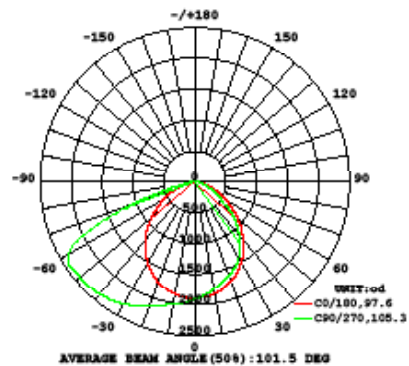
40W

Test Date 7Apr23
Series T652LEDB

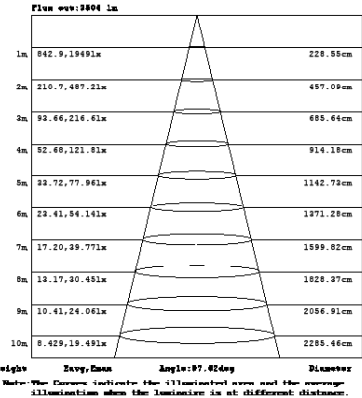
Characteristics

Color Temperature	4000K
Nominal Power(W)	40
Rated Voltage	120
Nominal Flux (lm)	6094.3
Test Voltage (V)	120
Imax (cd)	2449
LOR(%)	100
Total Flux (lm)	6094.3
CIE Class	Direct
Type:	40W

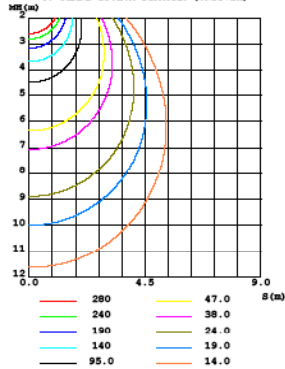
Luminous intensity distribution diagram



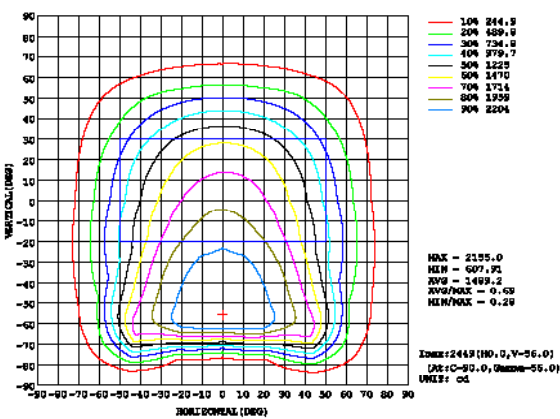
AAI Figure



Co plane Isolux Diagram



Isocandela Diagram



WS2 - Wattage Selectable (30W,60W,90W,120W)

30W

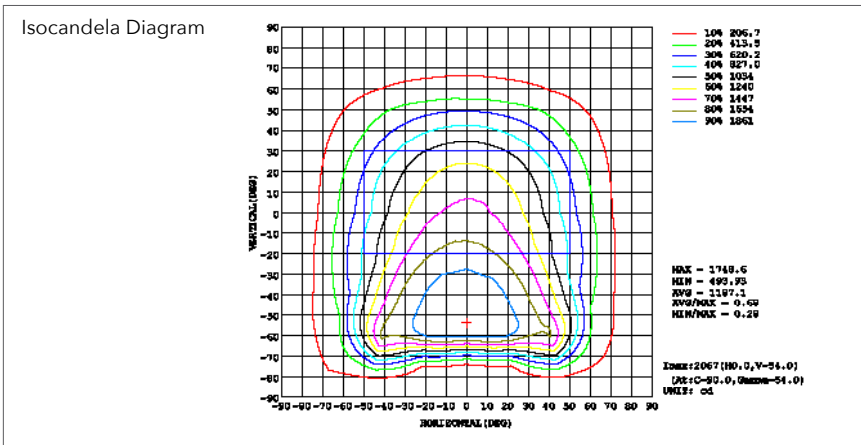
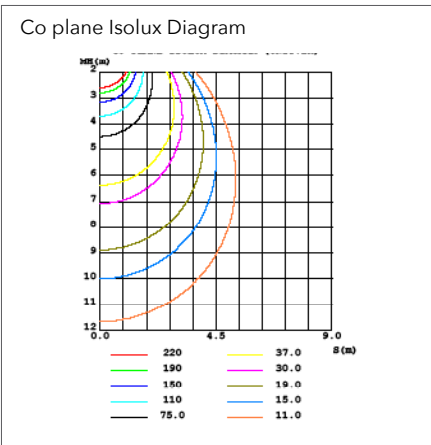
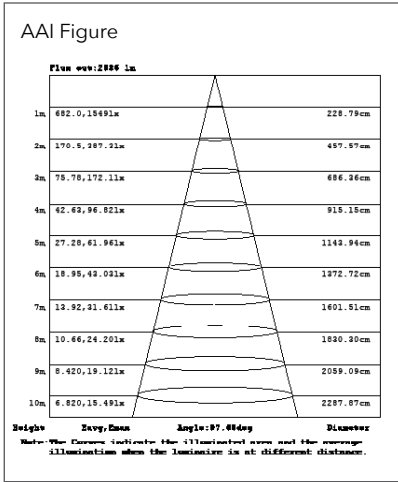
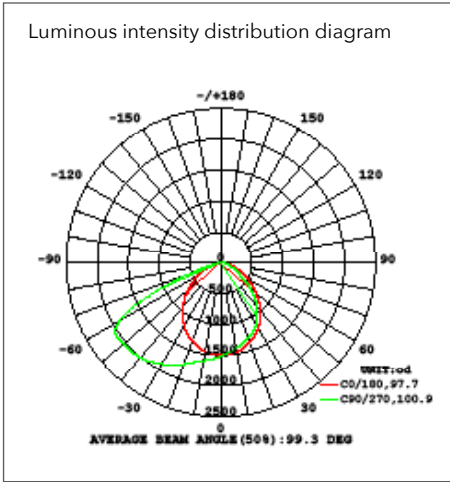
Test Date

7Apr23

Series

T652LEDB

Characteristics	
Color Temperature	4000K
Nominal Power(W)	30
Rated Voltage	120
Nominal Flux (lm)	4891.4
Test Voltage (V)	120
Imax (cd)	2067
LOR(%)	100
Total Flux (lm)	4891.5
CIE Class	Direct
Type:	30W



60W

Test Date

7Apr23

Series

T652LEDB

Characteristics	
Color Temperature	4000K
Nominal Power(W)	60
Rated Voltage	120
Nominal Flux (lm)	9230.4
Test Voltage (V)	120
Imax (cd)	3937
LOR(%)	100
Total Flux (lm)	9230.4
CIE Class	Direct
Type:	60W

