



T321LEDB-WS140

14" SKYLINE SERIES

JOB INFORMATION

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

T321LEDB-WS140

USE OF PRODUCT

The Skyline LED luminaire delivers exceptional performance in a sleek low-profile design that is lumen and color temperature selectable with multiple distribution and mounting options. The intended use of this product is for building areas, parking lots, auto dealerships, roadways, walkways, pedestrian pathways, and security lighting.

CONSTRUCTION

Die-cast aluminum fixture with isolated driver compartment and finned heat sink keep electrical temperatures in suitable ratings for optimal performance. Standard bronze matte finish. Consult factory for made-to-order architectural finish.

FINISH

Bronze matte-finished, architectural powder coat over a precise chromate conversion coating. Consult factory for made-to-order architectural finish.

ELECTRICAL

Durable LED driver operates at 120V–277V or 347V–480V, with 0–10V dimming protocol. Standard 10KA (120–277V) or 20KA (347V–480V) surge protector; THD: ≤20%; power factor: ≥90%. Power selectable driver allows for easy lumen adjustment.

LED

Color temperature selectable (3000K, 4000K, 5000K) LEDs. Estimated 100,000-hour LED lifespan based on LM-80 and TM-21 calculations.

OPTICS

Precisely designed optics to maximize distribution, efficiency, and spacing. Available in Type II, III, IV, and V distributions. Optional glare control shields available upon request.

CONTROLS

-40°C minimum temperature, +45°C maximum temperature.

AMBIENT TEMPERATURE

Optional occupancy sensor, microwave sensor, NEMA 3-pin, NEMA 7-pin, or button photocell available upon request.

DRIVER

Durable LED driver operates at 120–277V with 0–10V dimming protocol. Power factor: 0.90; 50 to 60 Hz. Driver protections include output open load, over-current and short-circuit, and over-temperature with auto recovery. -30°C minimum temperature to 40°C maximum temperature.

MOUNTING

Numerous mounting options are available fixed round/square arm mount, slipfitter, wall mount, yoke mount, and adjustable arm mount. Fixture pole must be mounted on a concrete base (supplied by others).

LISTINGS/COMPLIANCE/ WARRANTY

- UL wet location listed.
- DLC qualified.
- 5-year limited warranty.



ORDERING INFO

SERIES	WATT/LUMENS	COLOR TEMPERATURE	VOLTAGE	DISTRIBUTION TYPES
T321LEDB	WS140 - Wattage Selectable (60W, 90W, 120W, 140W) S60W - 60W/10300 lm S90W - 90W/15200 lm S120W - 120W/20000 lm S140W - 140W/23000 lm	CTS - Color Temperature Selectable (3000K, 4000K, 5000K) S30K - Color Temp. set at 3000K S40K - Color Temp. set at 4000K S50K - Color Temp. set at 5000K	UNV¹ - 120V–277V 480V - 347–480V	T2 - Type II T3² - Type III T4 - Type IV T5 - Type V

MOUNTING

AAM - Adjustable Arm Mount
SF - Slipfitter
WM - Fixed Wall Arm Mount
AMR - Arm Mount Round
AMS - Arm Mount Square
SB - Swivel Bracket
TWMB-SF - Wall Mount Bracket with Slipfitter
TWMB90-SF - Wall Mount 90° Bracket with Slipfitter

FINISH

BZ - Bronze
MTO - Made To Order
MGTO - Marine Grade Made To Order

OPTIONS

GV90 - 90° Glare Visor
GV360 - 360° Glare Visor
MSI - Standard PIR Motion Sensor Integral
MSR³ - Motion Sensor PIR Remote
RC100 - Remote Control for Motion Sensor
PN3 - Photocell NEMA 3 Pin
PN3480 - Photocell NEMA 3 Pin 480V
SGS140 - Slatted Glare Shield (PAIR) 140V
SGS300 - Slatted Glare Shield (PAIR) 300V

Notes

1. DLC only available in 120V–277V.
2. Standard distribution type.
3. Connect and go.

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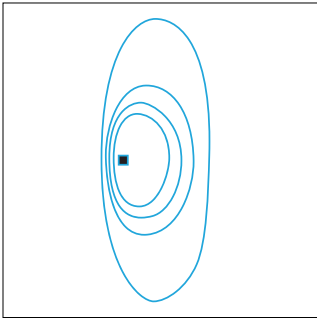
DELIVERED LUMENS CHART									
SETTING	SYSTEM WATTS	DISTRIBUTION TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	140W	27	70	20,000 lm	147 lm/W	23,000 lm	164 lm/W	21,000 lm	150 lm/W
		37	70	20,000 lm	147 lm/W	23,000 lm	164 lm/W	21,000 lm	150 lm/W
		47	70	20,000 lm	147 lm/W	23,000 lm	164 lm/W	21,000 lm	150 lm/W
		57	70	21,000 lm	150 lm/W	23,500 lm	168 lm/W	21,500 lm	154 lm/W
80%	120W	27	70	18,000 lm	150 lm/W	20,000 lm	167 lm/W	18,500 lm	154 lm/W
		37	70	18,000 lm	150 lm/W	20,000 lm	167 lm/W	18,500 lm	154 lm/W
		47	70	18,000 lm	150 lm/W	20,000 lm	167 lm/W	18,500 lm	154 lm/W
		57	70	18,500 lm	154 lm/W	20,500 lm	171 lm/W	19,000 lm	158 lm/W
60%	90W	27	70	13,800 lm	153 lm/W	15,200 lm	169 lm/W	14,200 lm	158 lm/W
		37	70	13,800 lm	153 lm/W	15,200 lm	169 lm/W	14,200 lm	158 lm/W
		47	70	13,800 lm	153 lm/W	15,200 lm	169 lm/W	14,200 lm	158 lm/W
		57	70	14,000 lm	156 lm/W	15,600 lm	172 lm/W	14,500 lm	161 lm/W
40%	60W	27	70	9,400 lm	157 lm/W	10,300 lm	172 lm/W	9,700 lm	162 lm/W
		37	70	9,400 lm	157 lm/W	10,300 lm	172 lm/W	9,700 lm	162 lm/W
		47	70	9,400 lm	157 lm/W	10,300 lm	172 lm/W	9,700 lm	162 lm/W
		57	70	9,600 lm	160 lm/W	10,500 lm	175 lm/W	10,000 lm	167 lm/W

*Lumens values are rounded for clarity. Exact photometric data is available in the IES files.

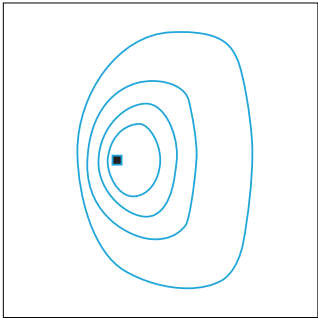
B.U.G. RATING

WATTS	WATTS	B U G
140W	Type II	3 0 3
	Type III	3 0 3
	Type IV	3 0 3
	Type V	4 0 2

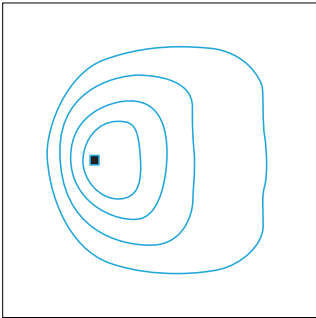
PHOTOMETRICS



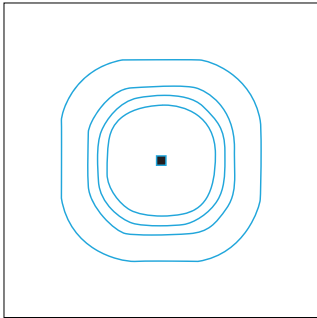
TYPE II DISTRIBUTION TYPE



TYPE III DISTRIBUTION TYPE



TYPE IV DISTRIBUTION TYPE

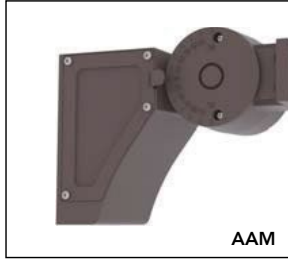


TYPE V DISTRIBUTION TYPE

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MOUNTING OPTIONS



ADJUSTABLE ARM MOUNT
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



SLIPFITTER MOUNT
An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.



WALL MOUNT
Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting.

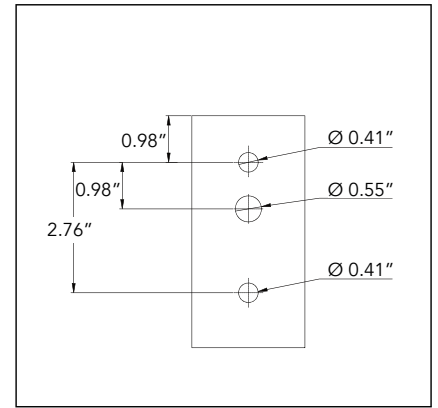
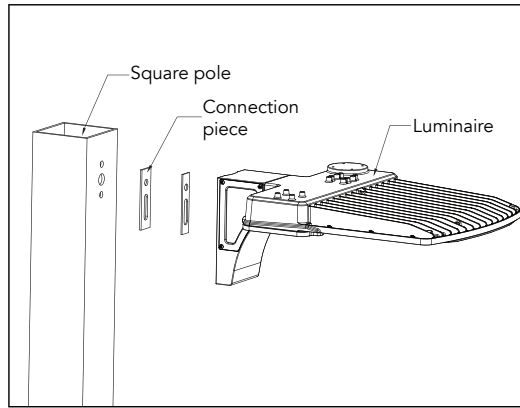
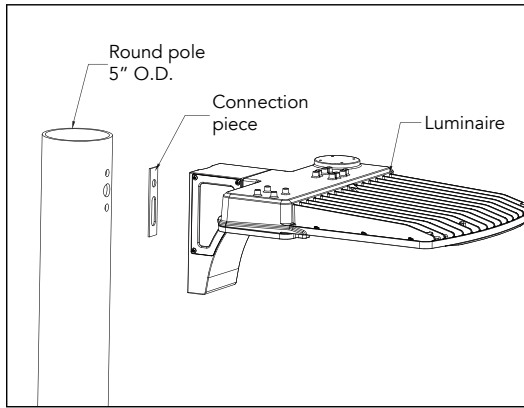


ARM MOUNT
(4" & 5" Square and Round poles)
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



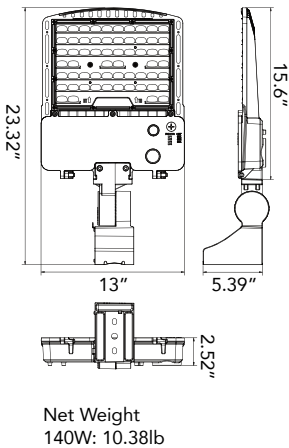
SWIVEL BRACKET
Die-cast aluminum bracket is easily adapted to many surfaces and allows easy aiming angles.

MOUNTING

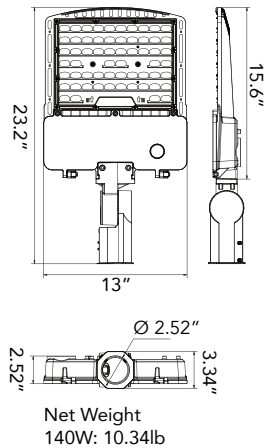


DIMENSIONS

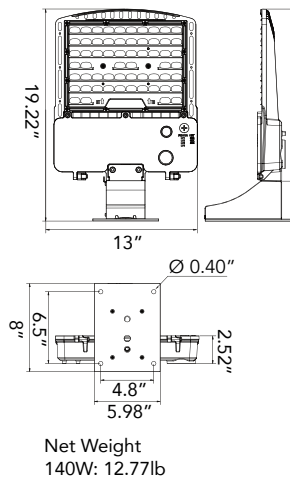
AAM - Adjustable Arm Mount



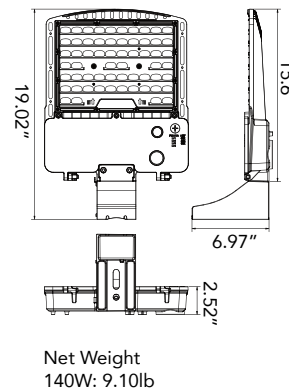
SF - Slipfitter Mount



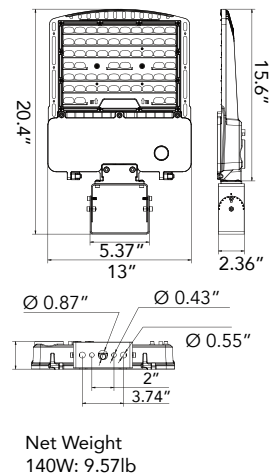
WM - Fixed Wall Arm Mount



**AMR - Arm Mount Round
AMS - Arm Mount Square**



SB - Swivel Bracket

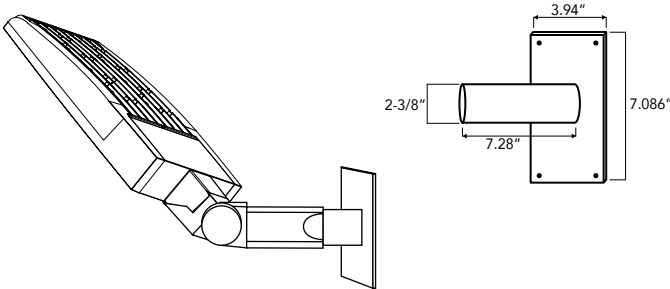


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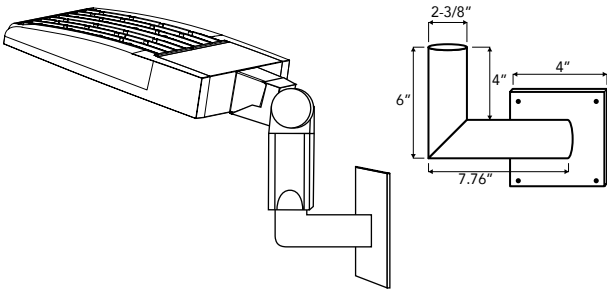
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WALL MOUNT BRACKET WITH SLIPFITTER

TWMB-SF - WALL MOUNT BRACKET WITH SLIPFITTER

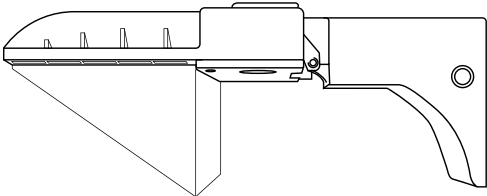


TWMB90-SF - WALL MOUNT 90° BRACKET WITH SLIPFITTER



GLARE VISOR OPTIONS

HOUSE SIDE SHIELD



DARK SKY FULL CUT-OFF SHIELD

