LAX SERIES

OUTDOOR LIGHTING

LAX-LG-90-150W-MCTPD-PSR
LAX-LG-90-150W-MCTPD-PSR-BK
DYNAMIC BEAM-ADJ AREA LIGHT 4-TYPES 7-PIN NEMA SOCKET SENSOR-READY

Customer Name:

Project Name:

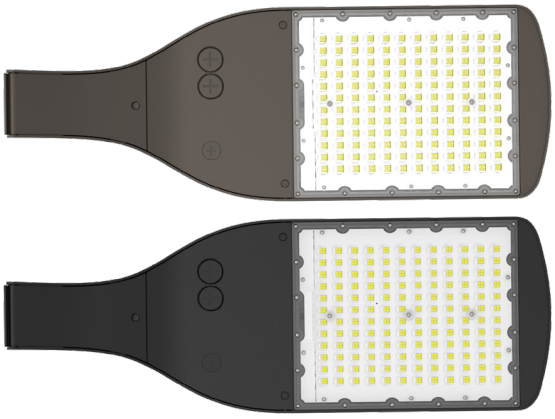
Note: | Type:

The LAX-LG-90-150W-MCTPD-PSR is a compact LED area light designed for parking lots, pathways, campuses, and commercial outdoor applications. Featuring selectable wattage, selectable CCT, and field-adjustable T2/T3/T4/T5 optics, this fixture provides maximum installation flexibility while reducing inventory requirements. The integrated 7-pin NEMA socket supports easy sensor and photocell integration for smart lighting control applications.

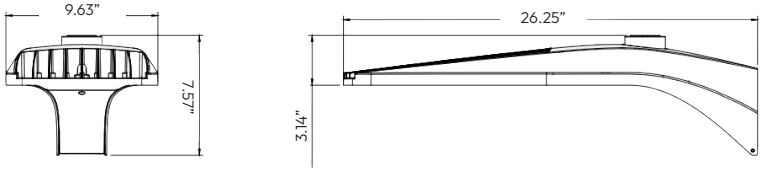




Side View



Lens View



Technical Drawing: 9.63" (D) x 26.25" (W) x 7.57" (H)

FEATURES:

- 4-type field-adjustable beam patterns
- Power selectable and CCT selectable
- DLC Premium listed
- UL listed
- Wet location rated
- Supports photocell and motion sensor accessories
- Compact lightweight design reduces pole stress

SPECIFICATIONS:

ELECTRICAL:

- Input Voltage: 120-277VAC
- Wattage Selectable: 90W / 120W / 150W
- 0-10V dimming
- 50/60Hz
- Integrated LED driver
- 7-pin NEMA socket sensor-ready
- Surge protection: 10kV
- Operating temperature: -40°F to 122°F

MECHANICAL:

- Die-cast aluminum housing
- Bronze finish
- IP65 rated
- Integrated heat sink
- Sensor-ready top-mounted 7-pin NEMA receptacle
- Fixture dimensions: 26.25" x 9.63" x 2.58"
- EPA: 0.26 @ 0° tilt

LIGHTING:

- Efficacy: Up to 170 LM/W
- 3CCT selectable: 3000K / 4000K / 5000K
- CRI: >80
- Selectable beam distribution: T2 / T3 / T4 / T5
- Lumen output: 15,300lm / 20,400lm / 25,500lm
- Lifespan: 50,000 Hours

APPLICATIONS:

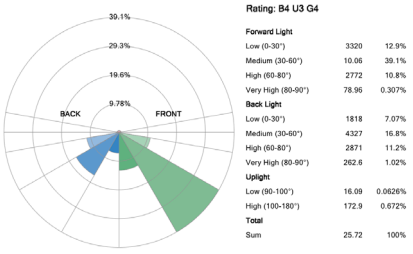
- Parking lots and parking structures
- Commercial and retail developments
- Roadways and street lighting
- Campus and educational facilities
- Industrial parks and warehouses
- Walkways and pedestrian pathways
- Perimeter and security lighting

Phone/Fax: (877) 805-2252
www.westgatemfg.com

PHOTOMETRICS

T2:

BUG rating

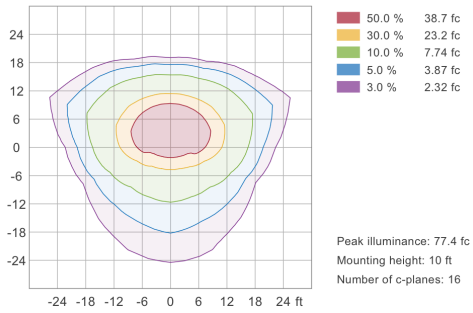


Rating: B4 U3 G4

Forward Light		
Low (0-30°)	3320	12.9%
Medium (30-60°)	10.06	39.1%
High (60-80°)	2772	10.8%
Very High (80-90°)	78.96	0.307%
Back Light		
Low (0-30°)	1818	7.07%
Medium (30-60°)	4327	16.8%
High (60-80°)	2871	11.2%
Very High (80-90°)	262.6	1.02%
Uplight		
Low (90-100°)	16.09	0.0626%
High (100-180°)	172.9	0.672%
Total		
Sum	25.72	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B4-U3-G4

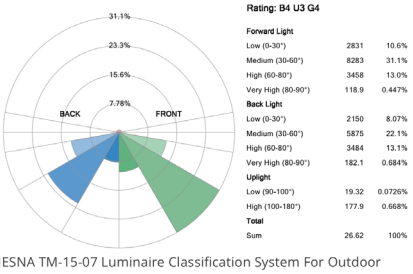


Peak illuminance: 77.4 fc
Mounting height: 10 ft
Number of c-planes: 16

Area 24'x24' Mounting Height: 9'

T3:

BUG rating

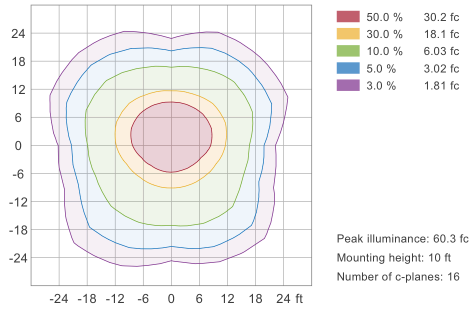


Rating: B4 U3 G4

Forward Light		
Low (0-30°)	2831	10.6%
Medium (30-60°)	8283	31.1%
High (60-80°)	3458	13.0%
Very High (80-90°)	118.9	0.447%
Back Light		
Low (0-30°)	2150	8.07%
Medium (30-60°)	5875	22.1%
High (60-80°)	3484	13.1%
Very High (80-90°)	182.1	0.684%
Uplight		
Low (90-100°)	19.32	0.0726%
High (100-180°)	177.9	0.668%
Total		
Sum	26.62	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B4-U3-G4

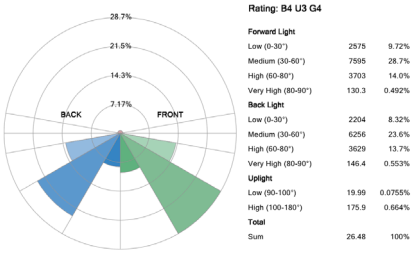


Peak illuminance: 60.3 fc
Mounting height: 10 ft
Number of c-planes: 16

Area 24'x24' Mounting Height: 9'

T4:

BUG rating

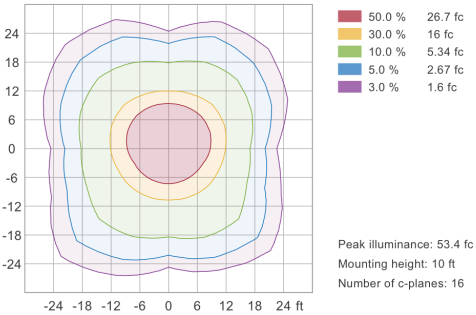


Rating: B4 U3 G4

Forward Light		
Low (0-30°)	2575	9.72%
Medium (30-60°)	7595	28.7%
High (60-80°)	3703	14.0%
Very High (80-90°)	130.3	0.492%
Back Light		
Low (0-30°)	2204	8.32%
Medium (30-60°)	6256	23.6%
High (60-80°)	3629	13.7%
Very High (80-90°)	146.4	0.553%
Uplight		
Low (90-100°)	19.99	0.0755%
High (100-180°)	175.9	0.664%
Total		
Sum	26.48	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B4-U3-G4

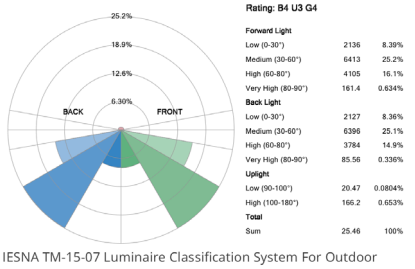


Peak illuminance: 53.4 fc
Mounting height: 10 ft
Number of c-planes: 16

Area 24'x24' Mounting Height: 9'

T5:

BUG rating

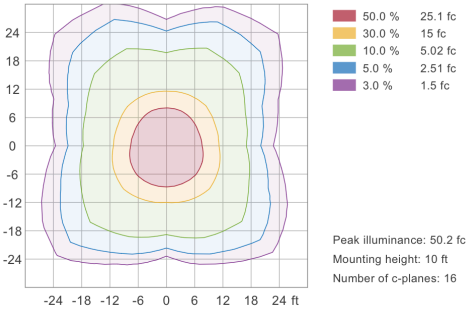


Rating: B4 U3 G4

Forward Light		
Low (0-30°)	2136	8.39%
Medium (30-60°)	6413	25.2%
High (60-80°)	4105	16.1%
Very High (80-90°)	161.4	0.634%
Back Light		
Low (0-30°)	2127	8.36%
Medium (30-60°)	6396	25.1%
High (60-80°)	3784	14.9%
Very High (80-90°)	85.56	0.336%
Uplight		
Low (90-100°)	20.47	0.0804%
High (100-180°)	166.2	0.653%
Total		
Sum	25.46	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B4-U3-G4



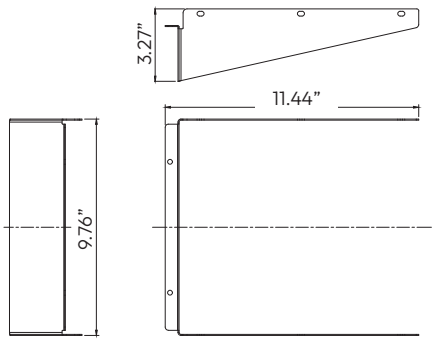
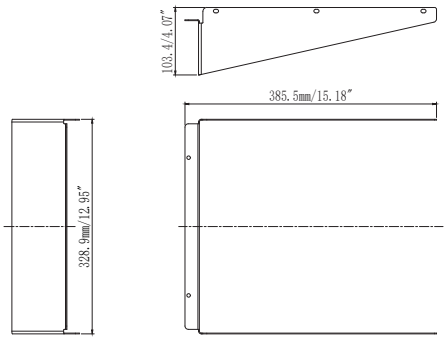
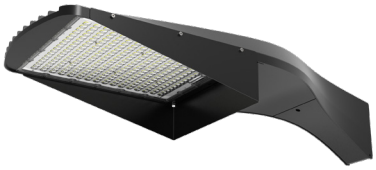
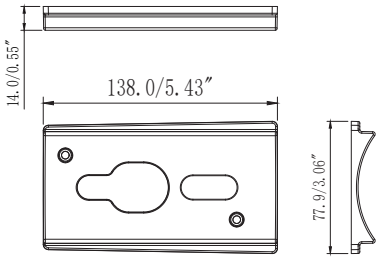
Peak illuminance: 50.2 fc
Mounting height: 10 ft
Number of c-planes: 16

Area 24'x24' Mounting Height: 9'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP.	LPW
LAX-LG-90-150W-MCTPD-PSR **LAX-LG-90-150W-MCTPD-PSR-BK**	90W 120W 150W	120-277V	15300LM 20400LM 25500LM	3000K 4000K 5000K	170

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE	
LAX-SH1	LAX LG Glare Shield		 9.76"(H) x 11.44"(W) x 3.27"(D)
LAX-SH1-BK	LAX LG Glare Shield Black		
LAX-SH2	LAX XL Glare Shield		 12.95"(H) x 15.18"(W) x 4.07"(D)
LAX-SH1-BK	LAX LG Glare Shield Black		
LAX-RPA	LAX Series Round-Pole Adapter		 3.06"(H) x 5.43"(W) x 0.55"(D)

MODEL NO.	DESCRIPTION	IMAGE
WEC-3RC	REMOTE CONTROL	
WEC-3PR-78-AJ-WH	PIR Sensor 1-Pin Audio Jack Contact 600W 40Ft 120-277V 0-10V Bi-Level & RC (Optional RC WEC-3RC)	
WEC-3PBT-78-AJ-WH	PIR Sensor 1-Pin Audio Jack Contact 600W 40Ft 120-277V 0-10V Bi-Level Bluetooth App Ready	