Truex Lighting

LED AREA LIGHT
100/150/200/300-Watt

LAL-SB-100/150/200/300W-M04

General Description and Usage

The LAL is an IP65 rated fixture for outdoor use and is ideal for outdoor applications such as building perimeters, loading areas, driveways, sign, building, urban roads, sidewalks, parking lots, and schools. ETL wet listed die cast aluminum construction with impact resistant UV stabilized polycarbonate linear prismatic lens complete with stainless steel hardware.

Construction

- Die cast aluminum body
- Impact resistant UV stabilized polycarbonate prismatic lens
- Stainless steel hardware
- Chip and fade resistant powder coat finish
- Industrial grade
- Ingress resistant gasket included

Listings

Certified to ETL, U.S. and Canadian standards. Design Lights Consortium® (DLC) qualified product.

Warranty

5 year limited warranty

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Features

- Light output is approximately from 13,800 to 41,000 lumens
- Multiple mounting options.
- Attractive fin design for thermal management
- IP65 rated
- Cast aluminum design
- LED Tj < 85 degree C

LAL Series Configurations

- LAL-SB-100W
  (100watt, 13,800 lumens)

- LAL-SB-150W
  (150 watt, 20,800 lumens)

- LAL-SB-200W
  (200 watt, 26,000 lumens)

- LAL-SB-300W
  (300 watt, 41,000 lumens)

LAL-SB-100/150/200/300W-M04
AREA LIGHT

Detailed Specifications

Model Num.	LAL-SB-100W-M04	LAL-SB-150W-M04	LAL-SB-200W-M04	LAL-SB-300W-M04
Wattage	100W	150W	200W	300W
Input Voltage	100-277V AC 50/60Hz	100-277V AC 50/60Hz	100-277V AC 50/60Hz	100-277V AC 50/60Hz
Lumen Efficiency	138LM/W	138LM/W	130LM/W	136LM/W
Power Factor (PF)	> 0.95	> 0.95	> 0.95	> 0.95
Power Efficiency	>90%	>90%	>90%	>90%
Lumen Output (+/-5%)	13800LM	20800LM	26000LM	41000LM
CRI	>80	>80	>80	>80
CCT	5000K	5000K	5000K	5000K
Rating	IP66 IK07	IP66 IK07	IP66 IK07	IP66 IK07
Driver	Inventronics	Inventronics	Inventronics	Inventronics
Lighting Source	Philips	Philips	Philips	Philips
Working Temperature	(-)25℃～(+)55℃	(-)25℃～(+)55℃	(-)25℃～(+)55℃	(-)25℃～(+)55℃
Lamp Shell Color	Black	Black	Black	Black
Beam Angel	90°/120°	90°/120°	90°/120°	90°/120°
Working Lifetime	50000hrs	50000hrs	50000hrs	50000hrs
Certification	ETL	ETL	ETL	ETL
Warranty	5 Years	5 Years	5 Years	5 Years