LCAN series

A versatile low-profile LED luminaire for rugged applications

With its superior rugged construction and low profile design, the LCAN series of luminaires are the perfect solution for parking garage and/or canopy applications. Wet location certified with an IP65 rating, this luminaire is dust and moisture proof that allows for installation in areas susceptible to dirt and dust accumulation. The multiple mounting options and wide light distribution allow for easy installation in a multitude of applications such as:

- Parking structures
- Convenience stores
- Drive-throughs
- Storage & Shopping areas
- Walkway & building entries

Performance

- Equivalent replacement for 100-175 W Metal Halide luminaires
- Lumen output from 4 100 to 6 500 lumens
- 120-277 V and 347 V
- Wet location IP65 rated
- Operating temperature -40 to 40°C
- Minimum 50 000 hours lifetime
- Low profile design
- Robust cast aluminum housing
- 0-10 V dimmable

152
155
153
157

Polycarbonate optical lens with heat resistance

The clear impact-resistant polycarbonate lens optically provides maximum efficiency Type V light distribution and reduces glare. It is UV stabilized and suitable for outdoor use, resistant to water exposure and heat resistant up to +40°C.

IP65 ingress protection rated

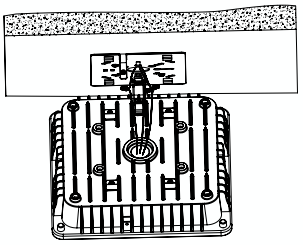
The housing is completely sealed against moisture and environmental contaminants.

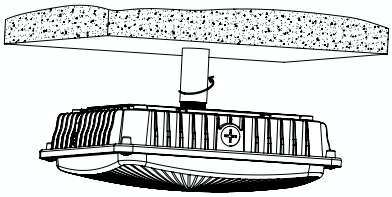
Integrated led driver in a low profile rugged die-cast aluminum heat sink

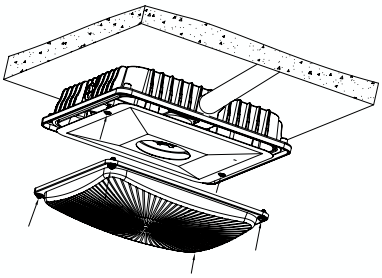
The LED driver is integrated into the heat sink, which ensures a low operating temperature and guarantees a long life.

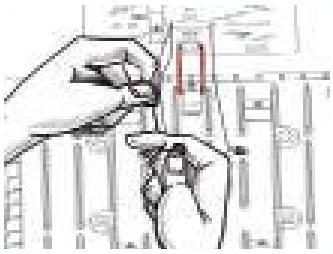
Easy mount and clip installation

The LCAN series is equipped with a universal quick-mount plate that meets industry wet location standards. The hinged tether frees up your hands to facilitate an easy and quick wiring.









Parking and garage lighting solution

Traditional lighting in parking garages usually started bright when initially installed, then the light output will depreciate rapidly (HID). Parking garages are often dark, dirty and can appear unsafe. Transforming this space requires changing the design and using high quality lighting in order to improve the environment and allowing customers to feel safe and secure. Benefits of upgrading lighting in parking garage applications are improved lights levels, uniformity and energy savings.

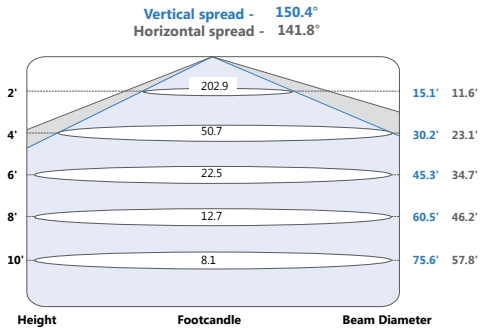
IES recommended Foot-candles (fc):

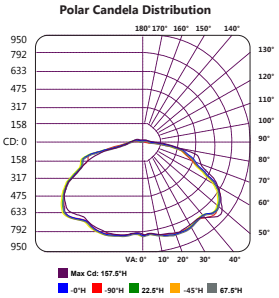
- 5 fc Average
- 1 fc Minimum
- 10:1 Max/Min Uniformity Ratio

Type V Light Distribution

Light distribution that increases customer visibility and safety for areas where sufficient, evenly distributed light is necessary. The LCAN series delivers Type V-shape beam angle that helps eliminate dark spots on the ceiling and reduce the cave effect for an even light distribution. It produces a circular distribution that has the same intensity at all angles.

Example of the 64841 light's distribution:





Energy Saving - Replacement Chart

	100 W Metal Halide	45 W LCAN Series	Savings
Nominal Watts	100	-	-
Input Watts	130	45	145 (69%)
Life (Hours)	10 000	50 000	4+ lamp changes
Typical annual hours	8 760	8 760	-
KWH	1 138	394	1 270 (69%)
Annual Energy cost per luminaire (@ $0.11 per kwh)	$ 125.18	$ 43.34	$ 81.84 per luminaire

	175 W Metal Halide	65 W LCAN Series	Savings
Nominal Watts	175	-	-
Input Watts	210	65	145 (69%)
Life (Hours)	10 000	50 000	4+ lamp changes
Typical annual hours	8 760	8 760	-
KWH	1 839	569	1 270 (69%)
Annual Energy cost per luminaire (@ $0.11 per kwh)	$ 202.29	$ 62.59	$ 139.70 per luminaire

Order code	Description	Volts (V)	Watts (W)	Lumens (lm)	Efficiency (lm/W)	Average L70 life (hrs)	CRI	Colour temp. (K)	Beam angle (°)	Frequency (Hz)	Input current (mA)
64841	LCAN/45W/40K/120-277V/BRZ/CL/STD	120-277	45	4 100	91	50 000	70	4 000	160	50/60	350
64842	LCAN/45W/40K/347V/BRZ/CL/STD	347	45	4 100	91	50 000	70	4 000	160	50/60	134
64843	LCAN/65W/40K/120-277V/BRZ/CL/STD	120-277	65	6 450	99	50 000	70	4 000	160	50/60	535
64844	LCAN/65W/40K/347V/BRZ/CL/STD	347	65	6 500	100	50 000	70	4 000	160	50/60	200

DIMMABLE 0-10 V · WET · INDOOR · OUTDOOR · IP65 RATING · 5 YEARS WARRANTY