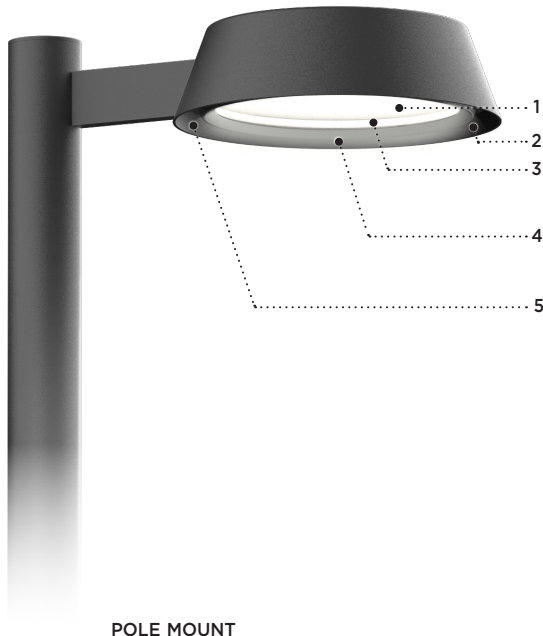


CEILING SURFACE/PENDANT/CATENARY/WALL MOUNT/POLE MOUNT/4" POST TOP

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

MODEL LED SELECTION MOUNT CCT VOLTAGE FINISH OPTION OPTION



POLE MOUNT

- 1- Comfort Series
- 2- Corrosion resistant diecast aluminum housing
- 3- Indirect LED lighting on highly reflective dome for visual comfort
- 4- Clear tempered glass
- 5- All stainless steel hardware



MATERIALS

Clermont is made of aluminum diecast offering exceptional precision and durability. The main housing is sealed with durable gasket.

LED boards are hidden between coated polymer that diffuses and reflects the light at 96%. It is UV stabilized and antistatic, which does not attract dust.

The driver is preinstalled inside the main housing, sealed with gasket, and secured with four captive screws which makes it easy for maintenance.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C -40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional 347/480V available.

LED Offered in 2700K, 3000K, 3500K & 4000K at 80CRI.

LIFE

60,000hrs L₇₀B₅₀ (based on LM-80 report for lumen maintenance)

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

MOUNTING

Maximum weight: 27 lbs (12 kg)

Several mounting options are offered with this product: catenary, wall mount, ceiling mount, pendant, post-top and pole mount.

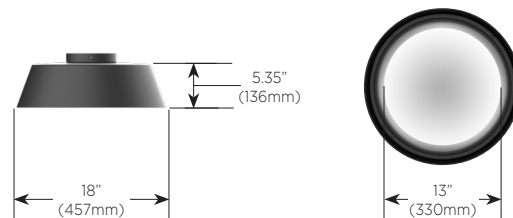
For SPG, STM, CK, WM mounting: The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. For PM mounting: designed to fit on 4" or 5" OD pole. For PT mounting: designed to fit on 4" OD pole with 1/4" or 1/8" wall thickness. For CAT3: see mounting details on page 3.

CERTIFICATION

Certified and approved as per CSA C22.2 No.: 250.0 standard and ANSI/UL 1598 standard, for wet location. Rated IP65/IK10.

Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C.

Lumen depreciation in accordance with IESNA LM80 standards.



CT180 SERIES CLERMONT

LUMINAIRE SELECTION

1 MODEL



CT180

2 LED LIGHT SELECTION (4000K/80CRI)

WHITE LED SELECTION

SUFFIX	DELIVERED LUMENS	INPUT WATTS
<input type="checkbox"/> L2L25	2639	25W
<input type="checkbox"/> L2L35	3695	35W
<input type="checkbox"/> L2L45	4360	45W
<input type="checkbox"/> L2L50	4996	55W
<input type="checkbox"/> L2L55	5604	65W

TUNABLE WHITE*

SUFFIX	DELIVERED LUMENS	INPUT WATTS
<input type="checkbox"/> L2LWT	5000	57W

*2700K-5000K/80 CRI

WARM DIMMABLE*

SUFFIX	DELIVERED LUMENS	INPUT WATTS
<input type="checkbox"/> L2LDW	5000	57W

*2200K-4000K/80 CRI

3 MOUNT

- CK Ceiling
- SPG* Pendant (cable)
- STM Pendant (stem)
- CAT3 Catenary
- WM Wall mount
- PM Pole mount
- PT¹ Post top**

* Indoor only

** Compatible with 4" O.D./100mm pole (PAA4)

4 CCT

TEMPERATURE*

- K27 2700K
- K30 3000K
- K35 3500K
- K40 4000K

* 80 CRI

5 VOLTAGE

STANDARD

- 120V
- 208V
- 240V
- 277V

OPTIONAL

- 347V
- 480V

6 FINISH

STANDARD COLORS*

- WHT Snow white
- BKT Jet black
- BZT Bronze
- MST Matte silver
- GRT Titanium gray
- DGT Gun metal
- CHT Champagne
- SGT Steel gray
- BGT English cream

OPTIONAL COLORS

- CS Custom color
- RAL RAL# color

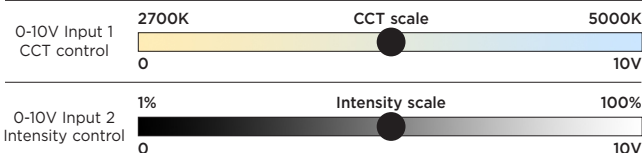
* Refer to color chart



For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

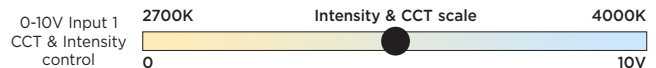
TUNABLE WHITE

User can modify the correlated color temperature (CCT) and intensity of the source using two slider controls or an intelligent lighting management system.



WARM DIMMING

Warm dimming (0-10V) lowers the LED temperature (CCT) as it is dimmed. The lower the brightness, the warmer the CCT.



OPTIONS

SURGE PROTECTOR

- SP 10kV surge protector

FUSE

- FS Fuse

ACCESSORIES

- BLC Visor for back light control
- SSC² Set of three stabilizer cables For stem mount only

EMERGENCY

- EMLC³ Integral battery backup for LED, 90 min., 7W integral to luminaire
- REML Remote mount battery back for LED 90 min., 7W integral to luminaire

CONTROLS

- NLTAIR⁴ nLight AIR Control gen2 embedded on housing
- NLTAIR-MS⁷ nLight AIR 2.0 motion sensor module mounted on pole
- RD Remote driver Consult factory

PHOTOCELL

- PH7⁵ NEMA C136.41 7-PIN receptacle with photocell sensor preinstalled
- PHSC⁵ NEMA C136.41 7-PIN receptacle with shorting cap preinstalled

MOTION SENSOR

- MS⁶ Motion sensor module, mounted on pole 270° coverage. (Black or white) will be selected to best match fixture color.

ENVIRONMENT

- MG Marine grade paint for harsh, coastal environment and exposure to salt water Longer lead time may apply please contact factory for info
- NT Natatorium (only available in WHT and BKT)

NOTES

- 1- Compatible with 4" O.D. pole only with 1/4" or 1/8" wall thickness.
- 2- SSC applicable to STM mount only
- 3- EMLC is integral to luminaire housing. Integral is not suitable under 0°C (32°F) outdoor.
- 4- NLTAIR not compatible with CK. Compatible with SPG, STM, CAT3, WM, PM and PT.
- 5- PH7 and PHSC are not available with CK, SPG, STM and CAT3.
- 6- MS not available with CK, SPG, STM, CAT3, WM mount. Motion sensor module mounted on pole.
- 7- NLTAIR-MS not available with CK, SPG, STM, CAT3, WM mount. Motion sensor nLight air module mounted on pole.

MOUNTING DETAILS

STEM (STM)
Heavy duty 45° hang straight swivel, with Ø 4.5" (114mm) canopy and universal mounting plate. Ø 7/8" x 36" (22mm x 914mm) suspension stem with aircraft safety cable. Other lengths on request (specify STM with desired length).

AIRCRAFT CABLE (SPG)
4/18 X 36" lg. silver braided power cable c/w on site adjustable aircraft cable, consisting of 3 x 36" (610mm) long cables joined Ø 4.5" (114mm) canopy. Other cable length available on request, minimum 18" (total).

SSC
Set of three stabilizer cables. For stem mount only.

CAT3
Cast aluminum catenary junction box with 4 sealed connectors by Luminis and pre-inserted into housing.
Ready to accept 1/4" or 1/2" stainless steel suspension cable.
Weight: 29.5 lbs (13.4 kg)
(Structural design, power cable, control cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)

ANGLE ADJUSTMENT MECHANISM
12° ↑
12° ↓

Power cable in:
3 conductor x 14 gauge AWG. The 2 cable glands located at the top can accommodate a cable ranging from 10mm - 14mm.

Control cable in:
The 2 cable glands on the bottom can accommodate a cable ranging from 6mm - 11mm.

BLC
180° visor for back light control. Field installable.

CEILING MOUNT

POST TOP

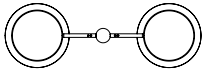
POLE MOUNT

WALL MOUNT

MULTIPLE LUMINAIRE MOUNTINGS

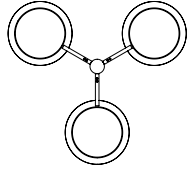
These following 5 configurations are for reference only. They must be selected with the pole. Refer to the separate pole specification for details.

To specify these assemblies: Fixture quantity should be total number of fixture heads, and include the given code on the Luminis pole catalog number.



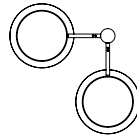
PM2-180
Twin mount
180° offset

Installation on
4" and 5" poles



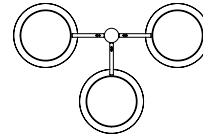
PM3-120
Triple mount
120° offset

Installation on
4" and 5" poles



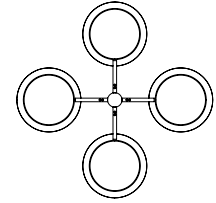
PM2-90
"L" mount
90° offset

Installation on
4" and 5" poles



PM3-90
Triple mount
90° offset mounting

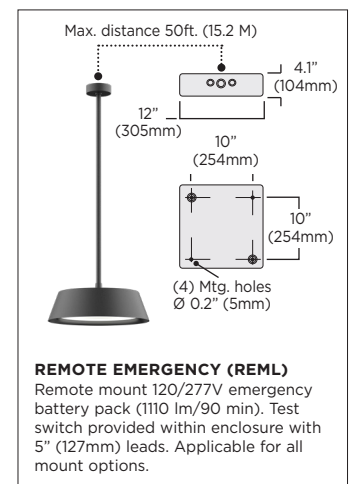
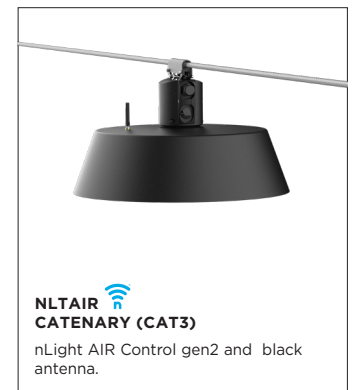
Installation on
4" and 5" poles



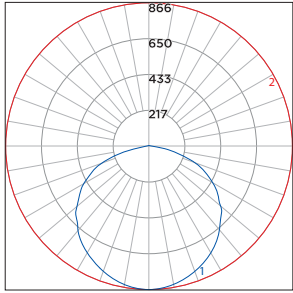
PM4-90
Quad mount

Installation on
4" and 5" poles

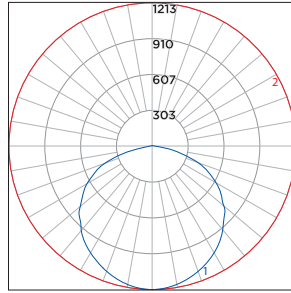
ELECTRICAL DETAILS



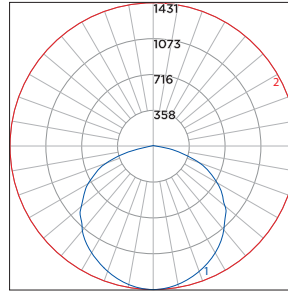
TYPICAL PHOTOMETRY SUMMARY



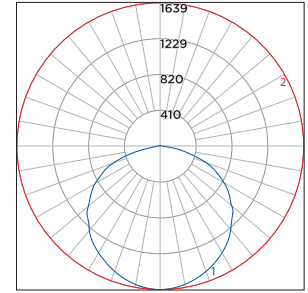
CT180-L2L25
 Total Lms: 2647 Lumens
 Total input watts: 25W
 Efficacy: 106 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 866 @ 180°H/2°V
 BUG: B1-U0-G0



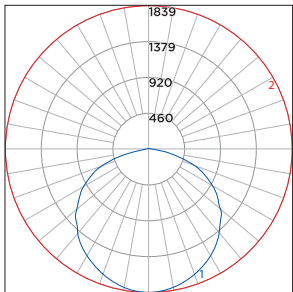
CT180-L2L35
 Total Lms: 3695 Lumens
 Total input watts: 35W
 Efficacy: 106 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1213 @ 180°H/2°V
 BUG: B1-U0-G1



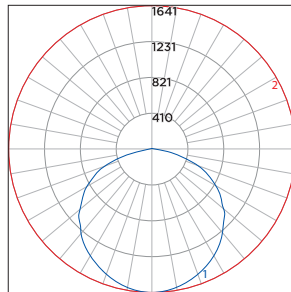
CT180-L2L45
 Total Lms: 4360 Lumens
 Total input watts: 45W
 Efficacy: 97 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1431 @ 180°H/2°V
 BUG: B2-U0-G1



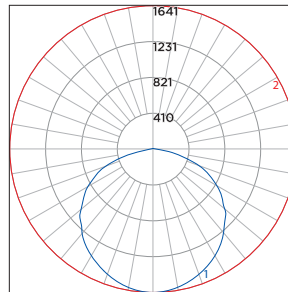
CT180-L2L50
 Total Lms: 5012 Lumens
 Total input watts: 50W
 Efficacy: 91 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1639 @ 180°H/2°V
 BUG: B2-U0-G1



CT180-L2L55
 Total Lms: 5622 Lumens
 Total input watts: 65W
 Efficacy: 86 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1839 @ 180°H/2°V
 BUG: B2-U0-G1



CT180-L2LWT
 Total Lms: 5016 Lumens
 Total input watts: 57W
 Efficacy: 88 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1641 @ 180°H/2°V
 BUG: B2-U0-G1



CT180-L2LDW
 Total Lms: 5016 Lumens
 Total input watts: 57W
 Efficacy: 88 Lumens/Watt
 CCT/CRI: 4000K/80CRI
 Maximum candela: 1641 @ 180°H/2°V
 BUG: B2-U0-G1

LUMEN CONVERSION FACTOR (LCF)

CCT	LCF	CRI
2700K	0.91	80
3000K	0.94	80
3500K	0.98	80
4000K	1.00	80

All Photometry shown use the Standard 80CRI 4000K LEDs.

Please visit our web site www.luminis.com for complete I.E.S. formatted download data