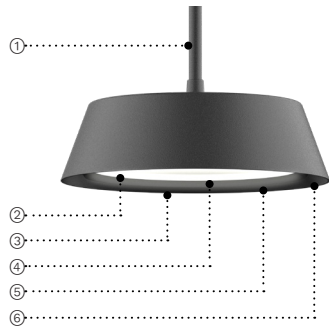


PROJECT NAME:	QUANTITY:	TYPE:
ORDERING CODE:		



- ① Field adjustable suspension stem or silver braided power cable with aircraft safety cable. Also, offered with a catenary suspension attachment.
- ② Comfort optic series.
- ③ Corrosion resistant diecast aluminum housing.
- ④ Indirect LED lighting on highly reflective dome for visual comfort.
- ⑤ Clear tempered glass.
- ⑥ All stainless steel hardware



CT101-STM



CT101-SPG



CT101-CAT3

## 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 LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

## 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.

## CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65/IK9. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

## WARRANTY

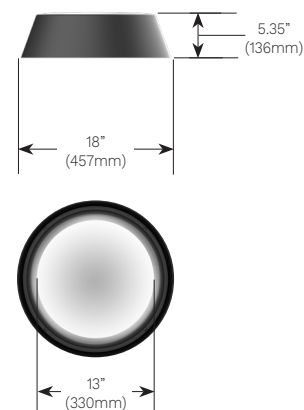
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

## MOUNTING


The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. For STM, fixture must be installed on a finished ceiling for exterior applications and/or when exposed to inclement weather. For CAT3: see option details.

## MEASUREMENTS

Maximum weight: 27 lbs (12 kg)



## ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT <sup>3</sup>	*VOLTAGE	*MOUNTING	SUSPENSION LENGTH
<div>CT101</div> 	<u>Static White</u>	<b>27K</b> 2700K	<b>120</b> 120V	<b>CAT3</b> Catenary suspension attachment	<b>12IN</b> 12"
	<b>L2L25</b> 2639 lm / 25w	<b>30K</b> 3000K	<b>277</b> 277V		<b>24IN</b> 24"
	<b>L2L35</b> 3695 lm / 35w	<b>35K</b> 3500K	<b>347</b> 347V		<b>36IN</b> 36"
	<b>L2L45</b> 4360 lm / 45w	<b>40K</b> 4000K	<b>480</b> 480V	<b>SPG</b> Silver braided power cord with aircraft cable <sup>4</sup>	<b>48IN</b> 48"
	<b>L2L50</b> 4996 lm / 55w	<b>WDIM</b> 2700K-4000K	<b>MVOLT</b> 120V-277V		<b>60IN</b> 60"
	<b>L2L55</b> 5604 lm / 65w	<b>TUWH</b> 2700K-5000K	<b>HVOLT</b> 347V-480V		
	<u>Warm Dimming</u>			<b>STM</b> Field-cutable hang straight stem	
	<b>L2LDW</b> 5000 lm / 57w <sup>1</sup>				
	<u>Tunable White</u>				
	<b>L2LWT</b> 5000 lm / 57w <sup>2</sup>				
Delivered lumens calculated at 4000K/80CRI for static white. Typical power consumption. Refer to LCF table for outputs at other CCTs. Delivered lumens calculated at 5000K/80CRI for warm dimming and tunable white.					Available up to 240" in 12" increments. Required field for SPG, STM.

MOUNTING ACCESSORY	CONTROLS	FUSE	SURGE PROTECTOR	EMERGENCY
<b>STC</b> Set of 3 stabilizer cables <sup>5</sup>	<b>NLTH</b> nLight AIR 2.0 integrated in head <sup>6</sup> <b>RD10</b> Remote driver <sup>7</sup>	<b>FS</b> Fuse	<b>SP</b> Surge protector	<b>EM7</b> 7W integral emergency battery, 90 min <sup>8</sup> <b>REM7</b> Remote emergency battery, 90 min, 7W <sup>9</sup>

*FINISH	ENVIRONMENT
<b>BKT</b> Jet black	<b>MG</b> Marine grade paint <sup>12</sup>
<b>BZT</b> Bronze	<b>NT</b> Natatorium suitable <sup>13</sup>
<b>CHT</b> Champagne	
<b>DGT</b> Gun metal	
<b>GRT</b> Titanium gray	
<b>MST</b> Matte silver	
<b>SGT</b> Steel gray	
<b>WHT</b> Snow white	
<b>CMC</b> Custom matched color <sup>10</sup>	
<b>RAL</b> RAL color <sup>11</sup>	

## NOTES

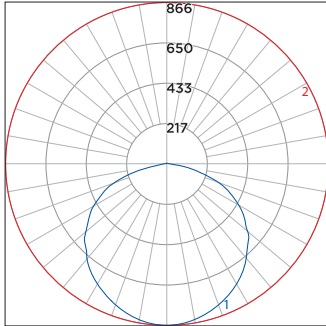
- \*- Denotes a required field
- 1- Available only with WDIM. Not available with 347V, 480V, HVOLT or EM7.
- 2- Available only with TUWH. Not available with 347V, 480V, HVOLT or EM7.
- 3- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
- 4- For interior applications only.
- 5- Available only with STM.
- 6- Not available with 347V, 480V, HVOLT, REM7, EM7, WDIM, TUWH.
- 7- Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by others.
- 8- Integral to luminaire housing. Integral is not suitable for temperatures under 0°C (32°F). Not available with 347V, 480V, HVOLT or RD10.
- 9- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Includes driver. The remote enclosure must be interior. Cable between fixture and remote box is provided by others. Not available with 347V, 480V, HVOLT or RD10.
- 10- Contact factory to coordinate custom matching color.
- 11- Specify RAL number.
- 12- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
- 13- Available only in WHT and BKT.

## LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com  
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

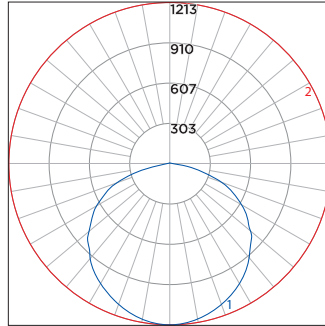
## TYPICAL PHOTOMETRY SUMMARY

CT101-L2L25



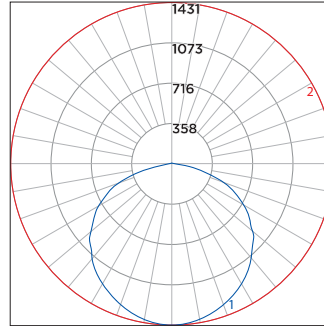
**Total Lms:** 2647 Lumens  
**Total Input Watts:** 25 W  
**Efficacy:** 106 Lumens/Watt  
**BUG:** B1-U0-G0  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 866 @ 180°H/2°V

CT101-L2L35



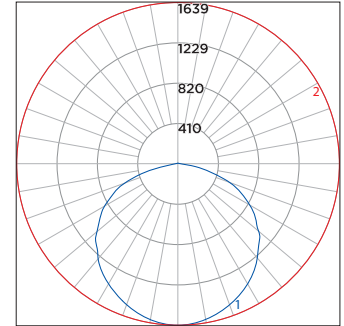
**Total Lms:** 3695 Lumens  
**Total Input Watts:** 35 W  
**Efficacy:** 106 Lumens/Watt  
**BUG:** B1-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1213 @ 180°H/2°V

CT101-L2L45



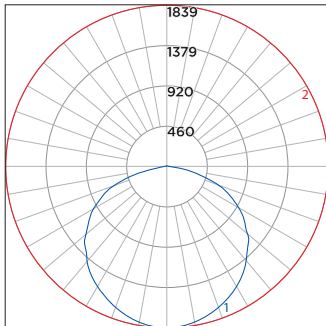
**Total Lms:** 4360 Lumens  
**Total Input Watts:** 45 W  
**Efficacy:** 97 Lumens/Watt  
**BUG:** B2-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1431 @ 180°H/2°V

CT101-L2L50



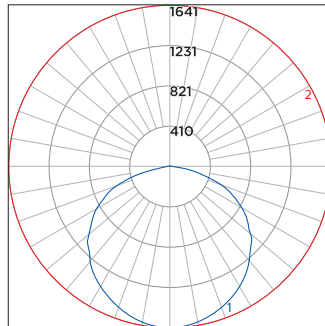
**Total Lms:** 5012 Lumens  
**Total Input Watts:** 50 W  
**Efficacy:** 91 Lumens/Watt  
**BUG:** B2-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1639 @ 180°H/2°V

CT101-L2L55



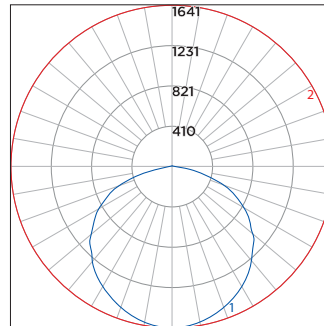
**Total Lms:** 5622 Lumens  
**Total Input Watts:** 65 W  
**Efficacy:** 86 Lumens/Watt  
**BUG:** B2-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1839 @ 180°H/2°V

CT101-L2LWT



**Total Lms:** 5016 Lumens  
**Total Input Watts:** 57 W  
**Efficacy:** 88 Lumens/Watt  
**BUG:** B2-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1641 @ 180°H/2°V

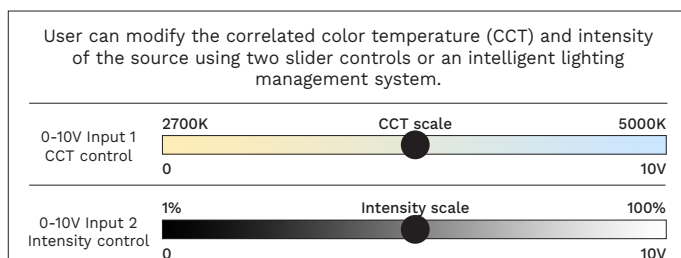
CT101-L2LDW



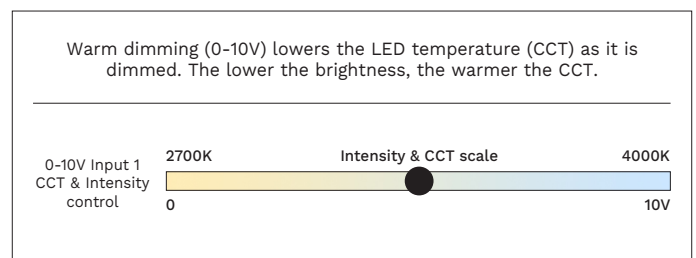
**Total Lms:** 5016 Lumens  
**Total Input Watts:** 57 W  
**Efficacy:** 88 Lumens/Watt  
**BUG:** B2-U0-G1  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1641 @ 180°H/2°V

LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

## TUNABLE WHITE



## WARM DIMMING



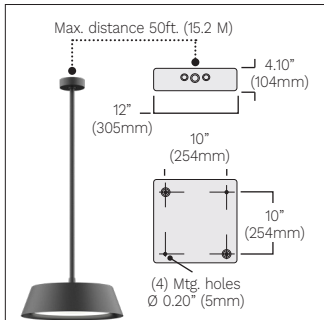
All Photometry shown use the 80CRI 4000K LEDs.  
Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. file.

## LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: [info@luminis.com](mailto:info@luminis.com)  
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

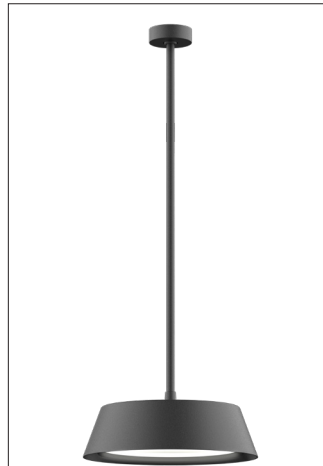
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## OPTION DETAILS



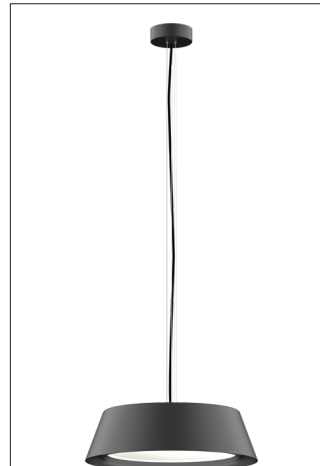
### REM7

Remote mount 120/277V emergency battery pack (1110 lm/90 min). Test switch provided within enclosure with 5" (127mm) leads. Applicable for all mount options. Includes driver.



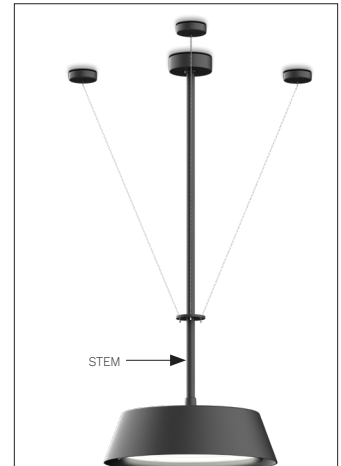
### STM

Heavy duty 45° hang straight swivel, with Ø 4.50" (114mm) canopy and universal mounting plate. Ø 7/8" (22mm) suspension stem with aircraft safety cable.



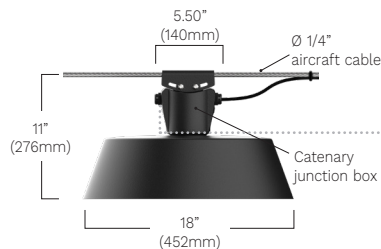
### SPG

Silver braided power cord with onsite adjustable aircraft safety cable, consisting of 3 long cables joined Ø 4.50" (114mm) canopy.

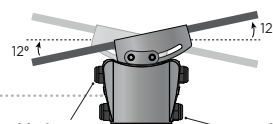


### STC

Set of three stabilizer cables. For stem mount only.



### ANGLE ADJUSTMENT MECHANISM



**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 located on the bottom can accommodate a cable ranging from 6mm - 11mm.

### 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) / EPA: 0.19 ft<sup>2</sup> (Structural design, power cable, control cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)



nLight AIR Control gen2 and black antenna. Available with SPG, STM or CAT3