CLX LED Strip Lights

Frequently Asked Questions

Can I wall mount CLX LED strip lights?
Yes. You can wall mount with the THCLX or the CLXANGBKT or by mounting directly through the back of the fixture.

How do I get the row alligner bracket?
Every fixture comes with a hardware bag with the row mount bracket.

What is the cross over to the ZL1 Series?
CLX LED lumen packages are a direct cross to ZL1N/D/F.
ZL1N lens = CLX FDL
ZL1D lens = CLX RDL
ZL1F lens = CLX WDL

Does CLX LED have surge protection?
Standard CLX LED strip lights will come with 2.5kV surge protection. The SPD option will increase protection to 6kV.

What reflector options are availabe on CLX LED?
CLXRW: Wide Decorative reflector –
No impact on distribution.
CLXRWU: Wide Decorative reflector with Uplight -
Slots to provide uplight.
CLXRN: Narrow Distribution reflector –
Not available with lens option.

What is the temp rating of CLX LED strip lights?
The temperature rating varies by fixture but is 40°C for all standard configurations. Some options and accessories reduce that temperature to 30°C. See specification sheet for temperature rating chart.

How is the HEF achieved?
The High Efficacy version (HEF) is achieved by utilizing ultra-efficient LEDs and a lower drive current.

Is there a field installable battery pack available?
Yes. You can order a PS1050 factory installed or a PS1055LCP or PS1555LCP for field install.

What battery is used from the factory? How many lumens are delivered in EL mode?
The battery offered is a PS1050 in 4' and 8' options. It provides 10W of power and an average of 1400 lumens depending on configuration.

Flat Diffuse Lens

Round Diffuse Lens

Wide Diffuse Lens

Can I order the end cap without a knockout?
Yes, it is an option on the spec sheet.

How are the distributions created on CLX? Do the distributions work with the outer lens?
The distributions are created via acrylic injection-molded optics which sit on top of the LEDs. You can also add a narrow reflector. You cannot order the optics or the narrow reflector with an outer lens.

Side mount option?
You can side mount the CLX LED strip light by ordering the CLXANGBKT accessory.

What % of uplight do you get?
The flat lens provides very little uplight. The round lens provides 7% uplight. The wide lens provides 13% uplight.

Is a Stepdown Transformer used for 347/480?
Yes.

What sensors are available with CLX LED strip lights?
LSXR (field), MSD (Factory installed), NES7 (factory installed – only available with N100), and RES7 (factory installed).

How many fixtures can I run off each sensor type?
The numer of fixtures will be determined by the sensor type, the length of fixture, and the drive current. Please see sensor spec sheet.

How does the row mounted sensor look with the different lens types?
The sensor will follow the profile of the lens selected.

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How many fixtures can I row mount using the PLR option?
The number of fixtures in a row should be determined by the installing electrition and based on the circuit they are being wired to. The PLR will not reduce that number.

How do you specify PLR for end of row?
You cannot specify which fixtures will be end of row. For your end of row fixtures, you will leave one endcap on the fixture.

How does PLR interact with sensors?
The PLR wiring will connect control wires through fixtures using the PLR plugs.

Is Haleon sensor available on CLX?
Haleon is not available on CLX LED today. We are working to implement shortly. For fixture-level control, we recommend nLight®, nLight® Air, or XPoint™ Wireless.

If I order a customer color, do I need to specify the sensor to be the same color?
No. If you order an integrated sensor, the sensor housing and endcaps will match the fixture.

What lumen packages/lens options are capable of IPS using VLC?
Only the wide lens is capable of IPS using VLC. 2' and 3' fixtures are not capable of having IPS via VLC.

Is CLX LED capable of Beaconing/Positioning using BLE?
No. You can order Atrius™ enabled which comes with VLC and BLE.

Is CLX capable of dimming via BLE?
Yes, Atrius will be able to dim the fixtures over BLE. nLight® Air can also control fixtures via BLE.

What lumen packages are available with nTune?
nTune is available on 750 LPF, 1000 LPF, and 1250 LPF levels.

What is the CCT range of Tunable White?
There are two ranges available. One runs from 3000k to 5000k. The other ranges from 2700k to 6500k.

What controls options are available on CLX LED?
nLight®, nLight® Air, or XPoint™ Wireless.

Is DALI/DMX available on CLX LED?
No. This is not a standard option but could be achieved through the RFD process.

Can I still get 50°C rating with an integrated sensor?
See Temperature chart on next page.

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Driver Type	GZ10			EZ1				Any Type	
Mounting Type	THCLX	Direct Surface	HA - Direct Surface	Direct Surface	THCLX	THCLX	Suspended 18"	XPoint/ BGTD Direct Surface	PS1050 Suspended
L24 1500LM	40°C	40°C	N/A	35°C	35°C	35°C	35°C		
2000LM	40°C	40°C	N/A	35°C	35°C	35°C	35°C		
2500LM	40°C	40°C	N/A	35°C	35°C	35°C	35°C		
3000LM	40°C	40°C	N/A	40°C	40°C	40°C	40°C		
4500LM	40°C	40°C	N/A	35°C	35°C	35°C	40°C		
5000LM	40°C	40°C	N/A	25°C	30°C	30°C	35°C		
L36 2250LM	40°C	40°C	N/A	40°C	40°C	40°C	40°C		
3000LM	40°C	40°C	N/A	40°C	40°C	40°C	40°C		
3750LM	40°C	40°C	N/A	40°C	40°C	40°C	40°C		
5250LM	40°C	40°C	N/A	35°C	35°C	35°C	40°C		
6750LM	40°C	30°C	N/A	35°C	35°C	35°C	40°C		
7500LM	40°C	30°C	N/A	25°C	30°C	30°C	35°C		
L48 3000LM	40°C	40°C	50C	40°C	40°C	40°C	40°C	35°C	25°C
4000LM	40°C	40°C	50C	40°C	40°C	40°C	40°C		
5000LM	40°C	40°C	50C	35°C	35°C	35°C	40°C		
7000LM	40°C	30°C	N/A	35°C	35°C	35°C	40°C		
9000LM	40°C	30°C	N/A	25°C	30°C	30°C	35°C		
10000LM	40°C	30°C	N/A	25°C	30°C	30°C	35°C		
L96 6000LM	40°C	40°C	50C	35°C	35°C	35°C	40°C		
8000LM	40°C	30°C	50C	35°C	35°C	35°C	40°C		
10000LM	40°C	30°C	50C	25°C	30°C	30°C	35°C		
14000LM	40°C	40°C	N/A	35°C	35°C	35°C	40°C		
18000LM	40°C	30°C	N/A	25°C	30°C	30°C	35°C		
20000LM	40°C	30°C	N/A	25°C	30°C	30°C	35°C		
Tunable All Tunable Lumen packages (3 lowest/ length)	N/A	N/A	N/A	40°C	40°C	40°C	40°C		