

Project:	Catalogue #:	Type:
Notes:		

Product Description

The CRTD series by Certolux is a specification-grade LED, sealed luminaire suitable for laminar air flow, for ISO Class 3 Cleanrooms. Available in nominal 2', 4' and 8' configurations. NSF/ANSI 2 Food Zone, Splash Zone and Non-Food Zone Applications (see ordering key).

Feature Options

- Emergency LED Battery Pack
- NSF approval available



Housing

Extruded aluminum housing available in a polyester powder painted finish or optional anodized finish. Endcaps are stainless steel and finished to match housing. Secured to housing with flush stainless fasteners. See options for row mounting configurations allowing for easy wiring between fixtures.

Mounting

Drill guide on inside of housing for drilling additional mounting holes.

Gasket

Silicone foam gasket seals lens mating surfaces.

Lens

Single piece extruded frosted acrylic lens with internal horizontal micro prisms.

Finish

White, polyester powder painted housing. See Option for other finish choices.

Electrical

LED board modules are high efficiency and closely regulated to maintain CRI, color consistency, lumen performance, and efficacy. Select from 3000K, 3500K, 4000K, and 5000K color temperatures with a color consistency of 3 SDCM, standard 80 CRI, optional 90 CRI. Lifetime L90 is greater than 60,000 hrs. Modules are field replaceable and commercially available. Optional 604nm PC amber LEDs arrays produce no UV. Blue light output is greatly reduced to less than 1% below 480nm.

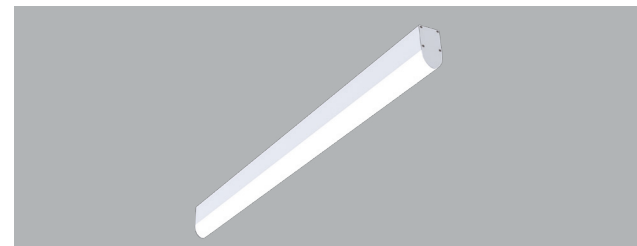
Warranty

5 year limited warranty. For complete warranty, click here:

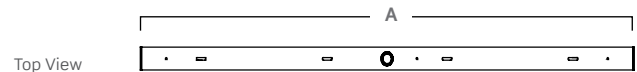


Approvals

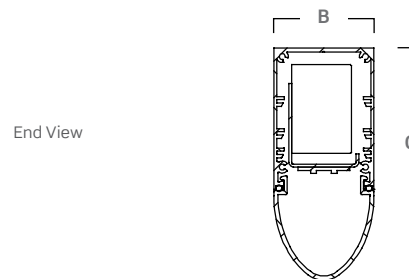
- Approved to CSA and UL standards.
- NSF Listed (see ordering key).



Dimensions



Top View



End View

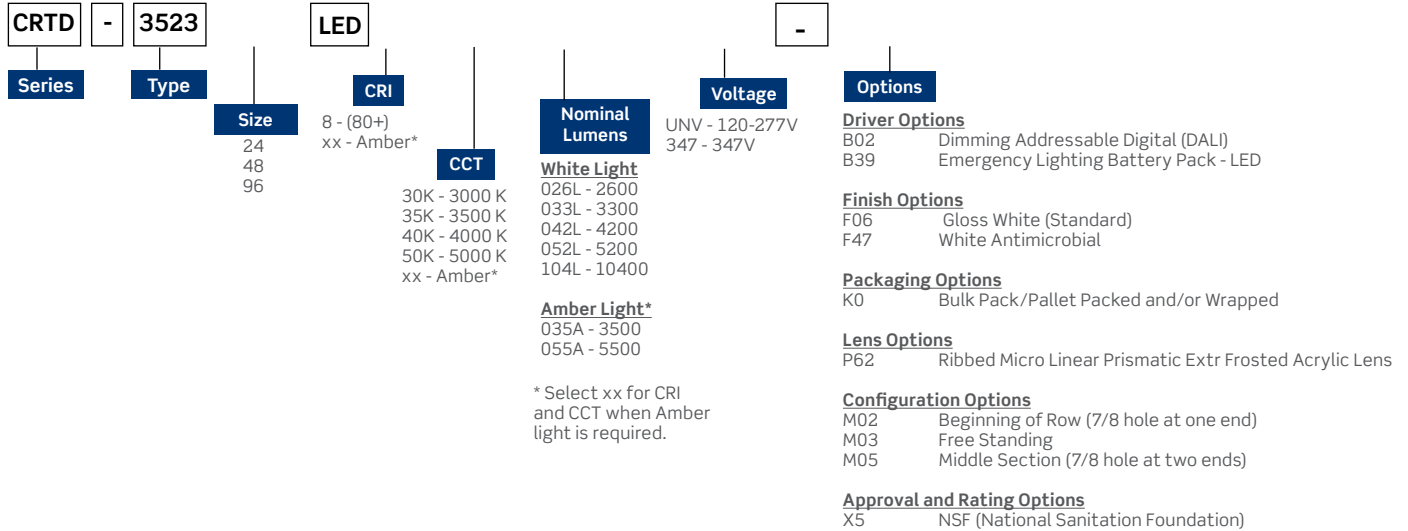
	Dimensions (inch) & Weights		
	A	B	C
24"	24"	1.94"	4.5"
48"	48"	1.94"	4.5"
96"	96"	1.94"	4.5"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: CRTD-352324LED835K026LUNV



* Select xx for CRI and CCT when Amber light is required.

Other options may be available, consult factory. Specifications and data subject to change without notice.

Performance Data			
White LED Performance			
Size	Order Code	Nominal Lumens	Watts
24	026L	2600	25
48	026L	2600	25
	033L	3300	30
	042L	4200	38
	052L	5200	47
96	052L	5200	47
	104L	10400	98

Performance Data			
Amber LED Performance			
Size	Order Code	Nominal Lumens	Watts
48	035A	3500	32
	055A	5500	50

Amber	
Purity	96%
Peak (λ)	604nm
Radiometric Power <480nm	0.80%
UV Output	0.000%
FWHM (Bandwidth)	89nm

