

Project:	Catalog:	Type:
Notes:		

### Product Description

The CRIS series by Certolux is a specification-grade, surface mounted, inset door luminaire for use in ISO Class 5 - 8 Cleanrooms. Completely sealed unit to minimize insect and vermin infiltration. It is certified NSF2 for Splash zone and non-food zones (See option X5 for Food Zone certification).

### Feature Options

- White LED Night Light
- RED LED



### Housing

Precision formed, TIG welded, one piece 20 gauge cold rolled steel housing. Welded and PEM studs are used in order to mount components.

### Mounting

The housing is supplied with mounting holes and a knockout for wiring. (See Dimension section for details).

### Reflector

Painted white reflector is standard, optional VF1 reflectors are available which are made of specular anodized aluminum with a minimum reflectivity of 95% (see product ordering guide).

### Door Frame Gasket

The extruded silicone based gasket seals the door frame to the housing.

### Door Frame

One piece door frame, fabricated from 18 gauge, cold rolled steel with TIG welded corners. It is retained by stainless steel aircraft cables. Specialized, military grade, flat head, stainless steel, captive fasteners with integral silicone o-rings easily secure door frame to housing through use of floating cage nuts. Silicone o-rings offer superior performance and longer life over comparable teflon bushings.

### Lens & Lens Retention

The lamp compartment is protected by a .125" pattern 12 lens. The lens is secured with adjustable Z style brackets with weld studs on housing faceplate. Lens is sealed to the door frame with silicone sealant. Other lens options available. (see product ordering guide).

### Finish

White, polyester powder painted housing.

### Electrical

Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver an L80 performance >50,000 hours. The standard driver has a THD of <10%. Standard lowvoltage dimming (0-10v, 1%). All electrical components are CSA or UL approved. A 1/2" EMT hole is provided for wiring connections.

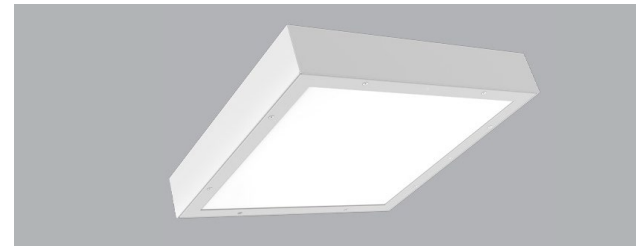
### Warranty

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



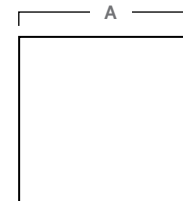
### Approvals

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

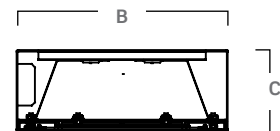


### Dimensions

Top View



End View



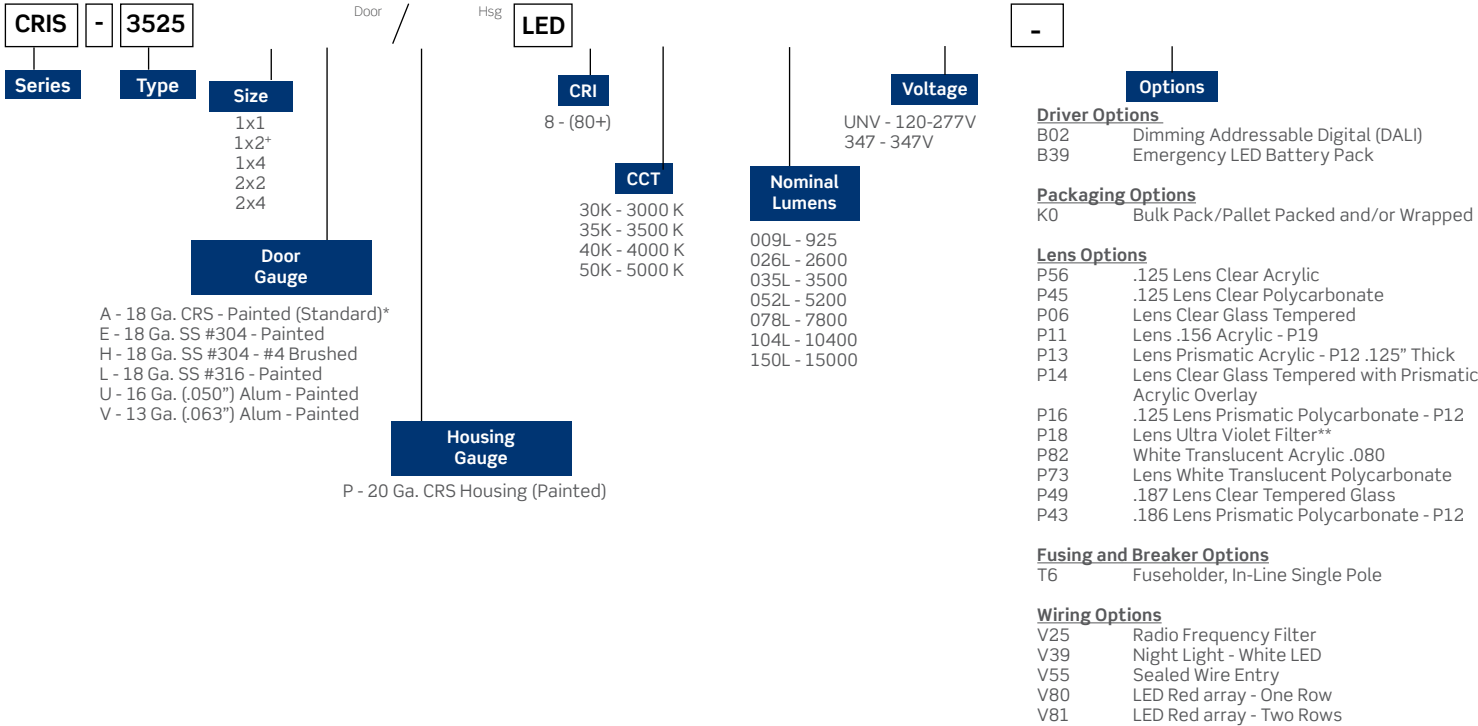
Dimensions (inch) & Weights			
	A	B	C
1x1	12"	12"	4.6"
1x2	24"	12"	4.6"
1x4	48"	12"	4.6"
2x2	24"	24"	4.6"
2x4	48"	24"	4.6"

Consult installation guide for exact dimensions.

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**Order Key**

**EXAMPLE: CRIS-35252x2A/PLED840K035LUNV**

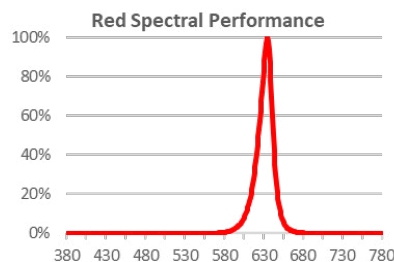


**Performance Data**

White LED Performance Data		
Size	Nominal Lumens	Watts
1x1	925	9
1x2	2600	25
1x4	2600	25
	5200	47
	7800	75
	10400	98
2x2	2600	25
	3500	33
	5200	47
2x4	7800	75
	5200	47
	7800	75
	10400	98
2x4	15000	147

RED LED Array			
Size	Rows of LED	Lumens	Watts
1x2	2	1020	27
1x4	1	2045	54
	2	4090	108
2x2	1	1020	27
	2	2045	54
2x4	1	2045	54
	2	4090	108

RED	
Purity	100%
Peak (λ)	635nm
Radiometric Power <480nm	0.03%
UV Output	0.000%
FWHM (Bandwidth)	18nm



\* Lumen values are based on 4000K, 80 CRI performance. See Lumen Multipliers below for other CCT or CRI performance data.

- Reflector Options**
- VF1 Full (95% Reflectance) Specular
- Approval and Rating Options**
- X5 NSF2 Food Zone-Non Contact Certification (Not required for Splash Zone or non-food zones)
  - X8 IP65 Rated

\* Not available in two circuits or with B39, V39 or V80, V81

\* Standard Door Frame & Housing Material

\*\* Must be combined with a diffusing lens material such as P82 or P13.

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