SIMPLESEAL® CLEANSLOT™
Luminaires for Cleanrooms
CRS4 SERIES

PRODUCT FEATURES:

» 4" recessed linear slot luminaire in multiple lengths

» Designed for use in ISO 3-9 rated cleanrooms where ceiling space is limited

» Symmetric and 15° asymmetric optical distribution options

» No visible room-side fasteners for clean aesthetic

» High-output, high-CRI LED lamp sources

SPECIFICATIONS

HOUSING: Extruded 6063-T5 aluminum construction with gasketed aluminum endcaps. Low-gloss anti-microbial white TGIC polyester powder-coat finish with five-stage pre-treatment.

OPTIC: Symmetric (Lambertian) or 15° asymmetric distribution option. Snap-in, one-piece extruded frost DR acrylic diffuser.

LED MODULE: Serviceable mid-power LED array. Minimum 82 CRI standard (R9>20). See Ordering Information for available color temperature options.

DRIVER: 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable constant-current driver (<20% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); maximum 330 µA maximum source current. Optional eldoLED ECOdrive DALI drivers with 1-100% range.

INSTALLATION: Suitable for Type-IC recessed ceiling installation into 9/16" and 15/16" lay-in grid and flanged drywall (5/8" max). See Ordering Information for selection. Suitable for 0°C - 40°C ambient temperature environments. Suitable for applications requiring USP 797 and USP 800 compliance.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For detailed photometric information, please visit www.kenall.com.

WARRANTY: Limited five (5) year warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Type-IC and Wet Location installations. IP65 rating per IEC60598. Suitable for biosafety labs rated BSL 1 and 2. Meets FED-STD-209E/Class 1 (ISO 3) Cleanrooms. NSF2 Splash/Non-Food Zone rated. Standard CCEA compliance.

ETL (c ETL us INTERTEK LISTED) | NSF | IP65 | CCEA Approved | BSL 1-2 | ISO 3 Class 1

ORDERING INFORMATION (Ex: CRS4-48-G-SYM-1200LF-35K9-DIM1-DV-LEL)

Model	Length	Ceiling Configuration	Optical Distribution	Lumen Output	Lamp Color	Driver Type	Voltage	Options
CRS4	_____	_____	_____	_____	_____	_____	_____	_____

Nominal Length
24	2'
36	3'
48	4'
72	6'
96	8'

Ceiling Configuration
G	9/16" and 15/16" Lay-In Grid
FL	Flange

Optical Distribution
SYM	Symmetric
ASYM	Asymmetric

Lumen Output
500LF	500 lumens/ft
750LF	750 lumens/ft
1200LF	1200 lumens/ft

Lamp Color
30K8	3000K / 80 CRI min.
30K9	3000K / 90 CRI min.
35K8	3500K / 80 CRI min.
35K9	3500K / 90 CRI min.
40K8	4000K / 80 CRI min.
40K9	4000K / 90 CRI min.

Driver Type
DIM1	0-10V Dimming to 1%
DALI*	DALI Dimming to 1% (n/a with 6' length, and 1200LF in 8' length)

Input Voltage
DV	120-277VAC, 50/60Hz
347	347VAC, 60Hz (n/a with 2' and 3' lengths)

Options
LEL*	10W Integral Emergency Battery Backup with Remote Test Button
FS	Fuse & Holder

* n/a with 347V
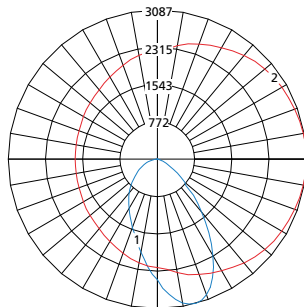

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PERFORMANCE

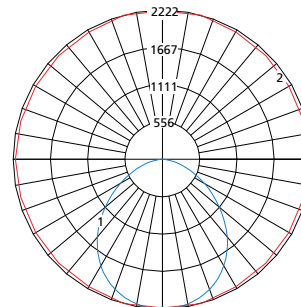| Distribution Type	Nominal Lumen Output	Initial Delivered Lumens per Foot, by Lamp Color (lm/ft)						Efficacy (lm/W)	Unit Input Power (W/ft)	Estd. L70 LED Life (Hrs)
		30K8	30K9	35K8	35K9	40K8	40K9			
ASYM	500LF	517	424	529	434	523	445	88 - 110	5	85,000
	750LF	757	621	774	636	766	652	87 - 108	7	85,000
	1200LF	1,188	975	1,215	998	1,202	1,023	79 - 99	12	85,000
SYM	500LF	473	409	488	419	504	429	104 - 128	4	85,000
	750LF	707	611	729	626	754	641	104 - 128	6	85,000
	1200LF	1,137	983	1,172	1,007	1,212	1,032	98 - 121	10	85,000

Nominal Lumen Output values based on 40K8 lamp color. Information subject to change without notice.
Visit www.kenall.com for IES files and additional information.

Model: CRS4-48-yy-ASYM-1200LF-40K8-DIM1-zzz

Maximum Candela = 3087 Located At Horizontal Angle = 0, Vertical Angle = 15

— 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
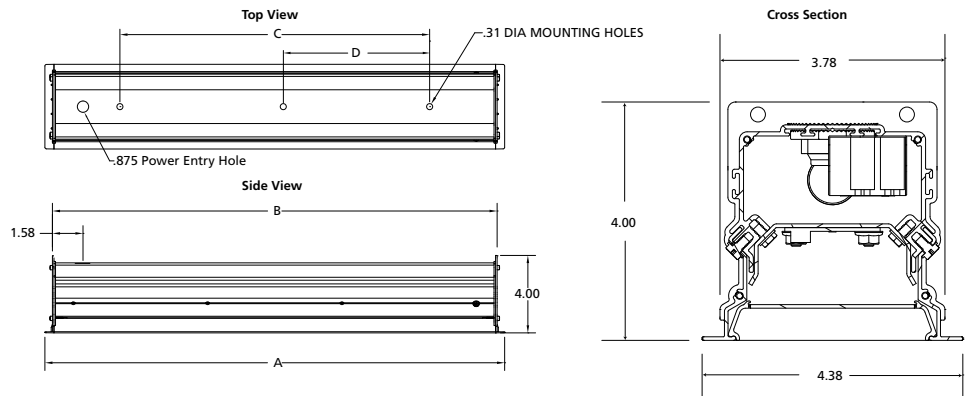— 2 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)

Model: CRS4-48-yy-SYM-1200LF-40K8-DIM1-zzz

Maximum Candela = 2222 Located At Horizontal Angle = 75, Vertical Angle = 2.5

— 1 - Vertical Plane Through Horizontal Angles (75-255) (Through Max. Cd.)
— 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)
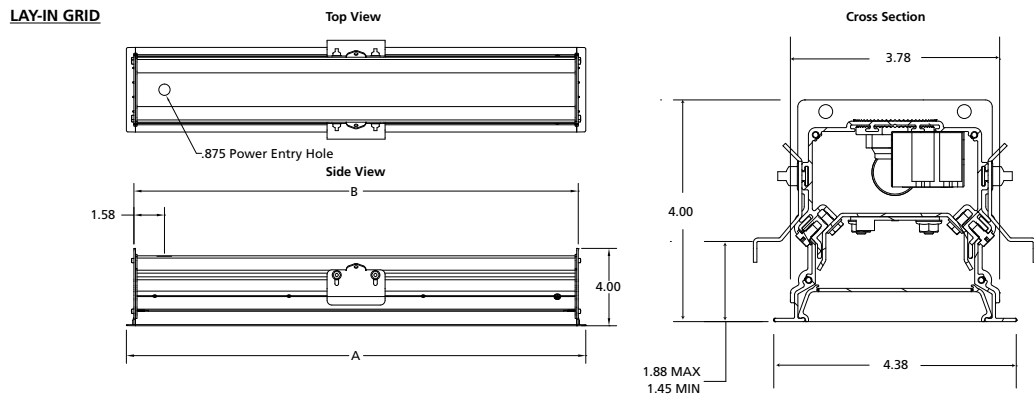
DIMENSIONAL DATA

FLANGE

Top View
C
D
.31 DIA MOUNTING HOLES
.875 Power Entry Hole

Side View
B
1.58
4.00
A

Cross Section
3.78
4.00
4.38

Nominal Length	Ceiling Configuration	A	B	C	D	Ceiling Cut-Out
24	FLANGE	23.75"	22.97"	16.00"	----	3.875" × 23.25"
36	FLANGE	35.75"	34.97"	28.00"	----	3.875" × 35.25"
48	FLANGE	47.75"	46.97"	40.00"	----	3.875" × 47.25"
72	FLANGE	71.75"	70.97"	64.00"	32.00"	3.875" × 71.25"
96	FLANGE	95.75"	94.97"	88.00"	44.00"	3.875" × 95.25"

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LAY-IN GRID

Top View

Cross Section

3.78

.875 Power Entry Hole

Side View

B

1.58

4.00

4.00

A

1.88 MAX
1.45 MIN

4.38

Nominal Length	Ceiling Configuration	A	B
24	LAY-IN GRID	23.75"	22.97"
36	LAY-IN GRID	35.75"	34.97"
48	LAY-IN GRID	47.75"	46.97"
72	LAY-IN GRID	71.75"	70.97"
96	LAY-IN GRID	95.75"	94.97"