



CR401 TEARDROP CLEANROOM LUMINAIRE

CR401 is a 2-inch wide teardrop cleanroom luminaire designed for high-efficiency lighting in controlled environments. Featuring a sleek antimicrobial finish, dimmable LED driver, and multiple lumen options up to 8,000 lm, it supports universal voltage (120-277V) and offers high efficacy up to 155 lm/W. Ideal for cleanrooms, labs, and healthcare facilities.

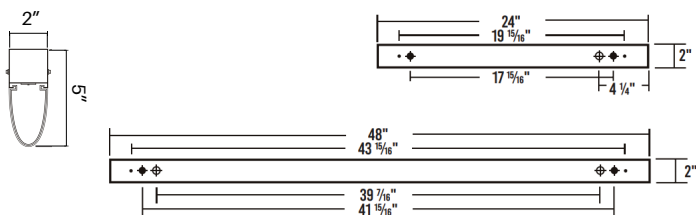
APPLICATIONS

- Clean Room
- Hospital
- Laboratory
- Retail
- Reception areas
- Hallways
- Industrial Facilities

FEATURES

- Can be mounted directly to T-bar grid
- 2" wide teardrop cleanroom design
- Suitable for ISO Class 5 / Class 100 cleanrooms
- High efficacy up to 149 lm/W
- 0-10V dimming driver standard

DIMENSIONS



Product	
Catalog No.	
Fixture Type	Notes

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	12 ~ 70W (Optional)
	Delivered Lumens	2,000 ~ 10,000lm
	Lumen Efficacy	126 ~ 149lm/W
	Color Temperature	2700/3000/3500/4000/5000K (Optional)
	CRI (Ra)	80+
Electrical	Input Voltage	AC120-277V
	Dimming	0-10V Standard
	Power Factor	0.9
Physical	Housing	Aluminum
	Beam Angle	90°
	Operation Temperature	-4°F to 95°F
	Mounting Options	Ceiling
	Dimensions	48(24)"x2"x5"

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL

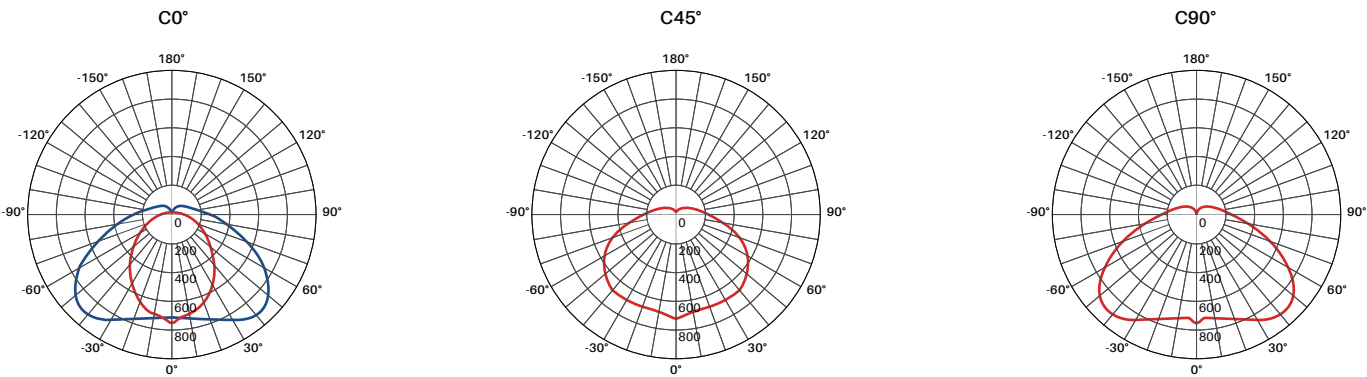
CERTIFICATION



CR401 TEARDROP CLEANROOM LUMINAIRE

PHOTOMETRY

CR401-04025DVUF50



Distribution Curve
C-plane — C0/180 — C90/270

Category	Details (C0°)
Luminous Flux	4,185 lumens
Luminous Efficacy	87.2%
Power Consumption	26W
Peak Intensity	906.3 cd
Light Distribution	Symmetrical, Wide beam
Beam Spread Pattern	Oval-shaped, uniform diffusion
CCT (Color Temp.)	4,000K
Recommended Height	8–12 ft

PERFORMANCE DATA

2'	PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	INPUT VOLTAGE	CRI (Ra)	CCT
	CR401-02	27	131.1	4,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-02	35	126.0	5,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)

4'	PRODUCT CODE	WATTS	lm/W	DELIVERED LUMENS	INPUT VOLTAGE	CRI (Ra)	CCT
	CR401-04	12	149.2	2,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-04	20	142.6	3,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-04	25	142.6	4,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-04	40	137.7	6,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-04	53	133.4	8,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)
	CR401-04	70	128.2	10,000	AC120-277V	80+	2700/3000/3500/4000/5000K (Optional)

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MOUNTING OPTIONS



Surface Mount

Accessories



Emergency Backup Battery



Occupancy Motion Sensor

ORDERING INFORMATION

CR401								
Series SKU	Size	Wattage	Dimming	Voltage	Lens	CCT	Mounting (Optional)	Accessories (Optional)
CR401	02: 2ft	027: 27W 035: 35W	DV: 0-10V Dim *Leave blank if not specified	U: 120-277V	F: Frosted A: Amber	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K	CM: Chain CL: Ceiling	EM: Emergency Battery OS: Occupancy Sensor
	04: 4ft	012: 12W 020: 20W 025: 25W 040: 40W 053: 53W 070: 70W						

Example: CR401-04025DVUF-50CL
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE