

PROCLEAN



ALBEO Cleanroom Panel



Current 



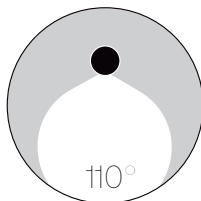
Typical Specifications

Size	1×2 ft	1×3 ft	2×2 ft	2×2 ft	1×4 ft	1×4 ft	2×4 ft
Lumens	2500 lm	3000 lm	4000 lm	6000 lm	4000 lm	6000 lm	7000 lm
System Power	25W	30W	40W	50W	40W	50W	60W
System Efficacy	100 LPW	100 LPW	100 LPW	120 LPW	100 LPW	120 LPW	115 LPW
Cleanroom Class	1000-10,000						
CCT	4000/6500K						
CRI	Ra≥80						
SDCM	≤5						
Beam Angle	110°						
Input Voltage	220-240V						
Power Factor	≥0.9						
THD	<10%						
Surge Protection	L-N 1KV,L/N-G 2KV						
Ripple Current Ratio	≤3%						
IP Rating	IP54(Front) IP40(Back) / IP65						
Safety Class	Class II						
Housing Material	Aluminum						
Working Temperature	-20~+45°C						
Rated Lifetime	50,000hrs						
Mounting	Surface						

Dimension

	Size	L	W	H	N.W.
	1×2 ft	300 mm	600 mm	14 mm	1.2 Kg
	1×3 ft	300 mm	900 mm	14 mm	1.7 Kg
	2×2 ft	600 mm	600 mm	14 mm	2.1 Kg
	1×4 ft	300 mm	1200 mm	14 mm	2.3 Kg
	2×4 ft	600 mm	1200 mm	14 mm	4.4 Kg

Photometric





Order Logic

CRPL	25W	12	--	8	40
PROD. ID	Power	Size	IP Rating	CRI	CCT
CRPL PROCLEAN Cleanroom Panel	25W	12: 300 x 600 mm	Default: IP54/40	8: Ra80	40: 4000K
	30W	13: 300 x 900 mm	IP65: IP65	9: Ra90	65: 6500K
	40W	14: 300 x 1200 mm			
	50W	24: 600 x 1200 mm			
	60W				

Order Description

Description	Size	Power	Lumens	CCT	IP Rating	QTY/CTN
CRPL25W12840	1x2 ft	25W	2500 lm	4000K	IP54/40	4 pcs
CRPL25W12865	1x2 ft	25W	2500 lm	6500K	IP54/40	4 pcs
CRPL30W13840	1x3 ft	30W	3000 lm	4000K	IP54/40	4 pcs
CRPL30W13865	1x3 ft	30W	3000 lm	6500K	IP54/40	4 pcs
CRPL40W22840	2x2 ft	40W	4000 lm	4000K	IP54/40	4 pcs
CRPL40W22865	2x2 ft	40W	4000 lm	6500K	IP54/40	4 pcs
CRPL50W22840	2x2 ft	50W	6000 lm	4000K	IP54/40	4 pcs
CRPL50W22865	2x2 ft	50W	6000 lm	6500K	IP54/40	4 pcs
CRPL40W14840	1x4 ft	40W	4000 lm	4000K	IP54/40	4 pcs
CRPL40W14865	1x4 ft	40W	4000 lm	6500K	IP54/40	4 pcs
CRPL50W14840	1x4 ft	50W	6000 lm	4000K	IP54/40	4 pcs
CRPL50W14865	1x4 ft	50W	6000 lm	6500K	IP54/40	4 pcs
CRPL60W24840	2x4 ft	60W	7000 lm	4000K	IP54/40	2 pcs
CRPL60W24865	2x4 ft	60W	7000 lm	6500K	IP54/40	2 pcs
CRPL50W22IP65840	2x2 ft	50W	6000 lm	4000K	IP65	4 pcs
CRPL50W22IP65865	2x2 ft	50W	6000 lm	6500K	IP65	4 pcs
CRPL50W14IP65840	1x4 ft	50W	6000 lm	4000K	IP65	4 pcs
CRPL50W14IP65865	1x4 ft	50W	6000 lm	4000K	IP65	4 pcs

The above is only including a part of product info. Please consult us if any further product info is needed.



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Cleanroom Panel Light



Features

Proclean Panel light is a kind of easy-clean and dust-free luminaire, specially designed for operation in cleanrooms where 1000-10000 class is required.

Application

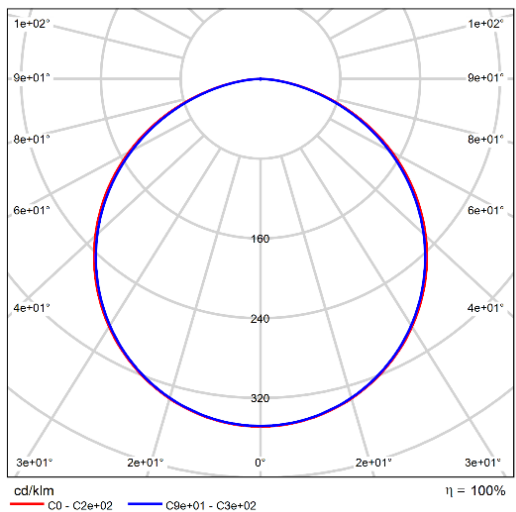
- Semiconductor and electronics industry
- Healthcare
- Pharmaceutical industry
- Biological Laboratory
- Food and beverage industry



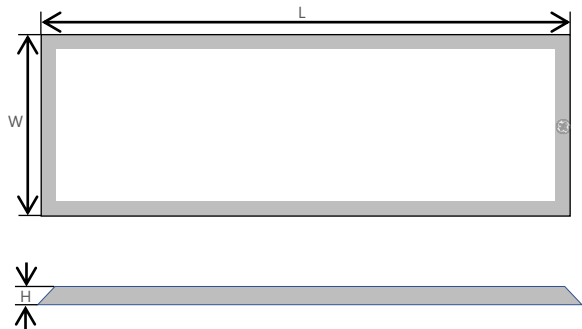
Specifications

Model	CRPL25W12	CRPL30W13	CRPL40W22	CRTL50W22	CRTL40W14	CRTL50W14	CRTL60W24
Power	25W	30W	40W	50W	40W	50W	60W
Luminous Flux	2500 lm	3000 lm	4000 lm	6000 lm	4000 lm	6000 lm	7000 lm
Efficacy	100 LPW	100 LPW	100 LPW	120 LPW	100 LPW	120 LPW	115 LPW
CRI	Ra≥80						
CCT	Warm white 4000K/Cold white 6500K						
Flicker	No						
Cleanroom Class	1000-10000						
Color Tolerance	SDCM≤5						
Beam angle	110°						
Input	220-240VAC 50/60Hz						
Power factor	≥0.90@220V full load						
Safety class	Class II						
IP rating	IP54(Front) IP40(Back) / IP65 complete unit						
Lifespan	30000 hours (L70B50)@25°C						
Operational environment	-20°C~+45°C						
Material	AL 6063						
Installation	Ceiling mounting / Recessed mounting						
Compliance	CCC/CB						

Photometric

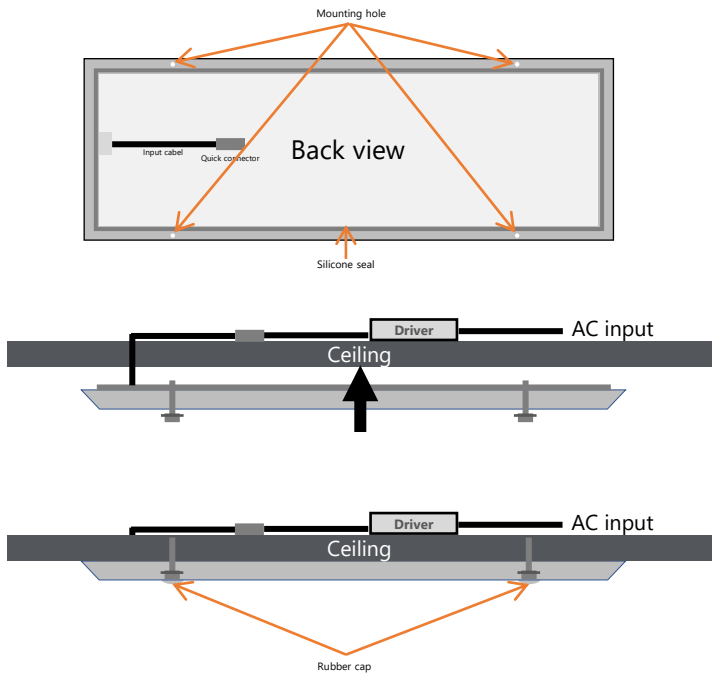


Dimension



Model	L (mm)	W (mm)	H (mm)	N.W (Kg)
CRPL25W12	300	600	14	1.2
CRPL30W13	300	900	14	1.7
CRPL40W22	600	600	14	2.1
CRPL50W22	600	600	14	2.5
CRPL40W14	300	1200	14	2.3
CRPL50W14	300	1200	14	2.3
CRPL60W24	600	1200	14	4.4

Surface Mounting



Step 1

Drill mounting holes in the ceiling in accordance with the dimension shown on the installation manual, then put expansion sleeves into the holes

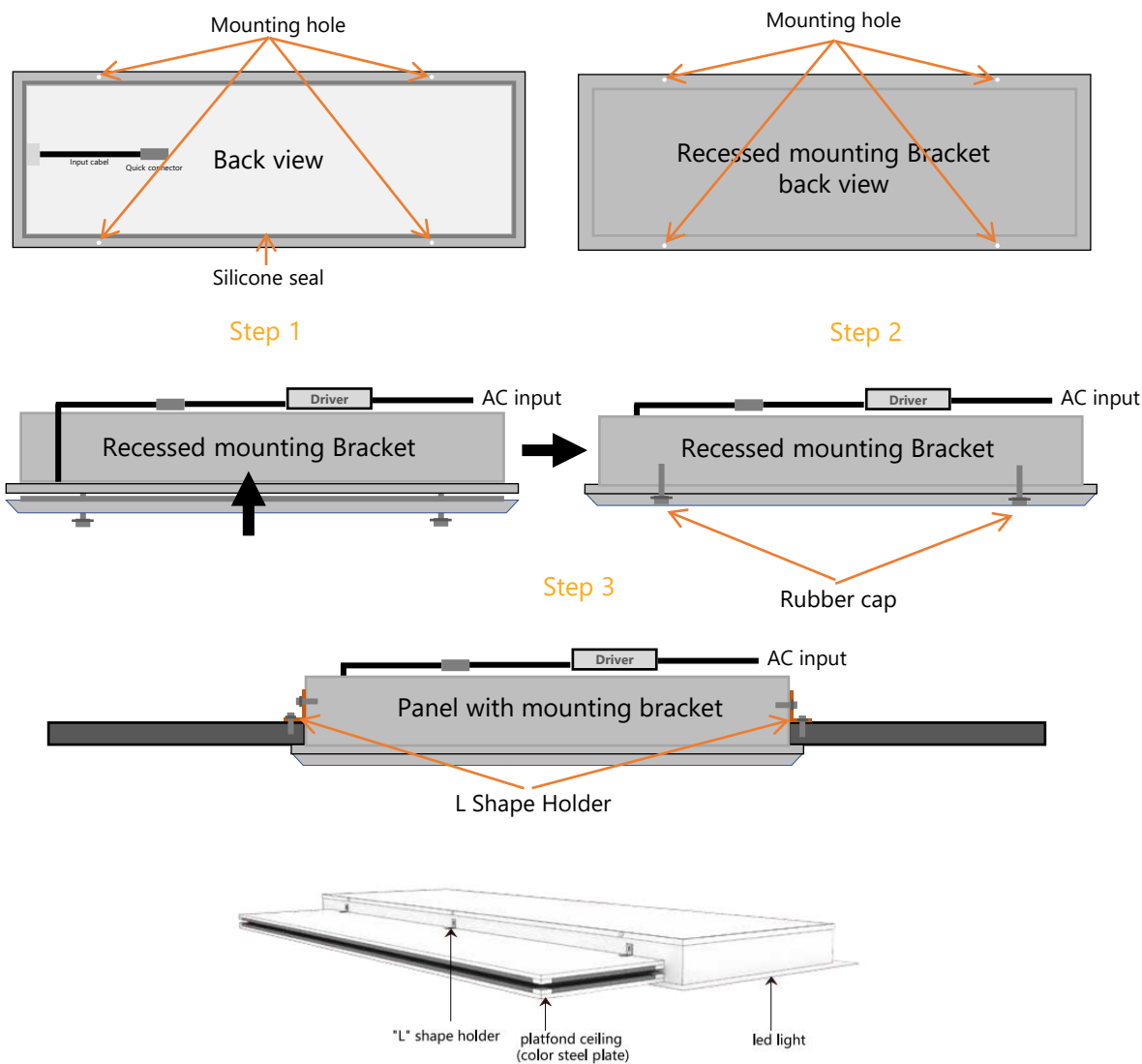
Step 2

Mount the panel on the ceiling by 4 sets of M4*19 screws, D4 spring washers, D4 flat washers

Step 3

Screw tightly to ensure a complete and robust enclosure between panel and ceiling in a view of dust-free mounting. Then, paste the rubber caps on the mounting holes

Recessed Mounting



Step 1	Mount the panel onto recessed mounting bracket by 4 sets of M4*19 screws, D4 spring washers, D4 flat washers.
Step 2	Screw tightly to ensure a complete and robust enclosure between panel and ceiling in a view of dust-free mounting. Then, paste the rubber caps on the mounting holes
Step 3	Mount the panel with mounting bracket onto the platfond ceiling(Color steel plate) by L shape holders.

Ordering logic

CRPL	25W	12		8	40
Product ID	Power	Size	IP Rating	CRI	CCT
CRPL: Cleanroom Panel Light	25W	12: 300 x 600 mm	Default: IP54/40	9: Ra90	30:3000K
	30W	13: 300 x 900 mm	IP65: IP65	8: Ra80	40:4000K
	40W	14: 300 x 1200 mm			65:6500K
	50W	24: 600 x 1200 mm			
	60W				

SKU# & Order Description

Description	Power (W)	Lumens	CCT (K)	IP Rating	CRI	Package size Mm	G.W. Kg	Qty/ CTN
CRPL25W12840	25	2500	4000	IP54/40	Ra≥80	300 x 600 x 14 mm	1.2	4
CRPL25W12865	25	2500	6500	IP54/40	Ra≥80	300 x 600 x 14 mm	1.2	4
CRPL30W13840	30	3000	4000	IP54/40	Ra≥80	300 x 900 x 14 mm	1.7	4
CRPL30W13865	30	3000	6500	IP54/40	Ra≥80	300 x 900 x 14 mm	1.7	4
CRPL40W22840	40	4000	4000	IP54/40	Ra≥80	600 x 600 x 14 mm	2.1	4
CRPL40W22865	40	4000	6500	IP54/40	Ra≥80	600 x 600 x 14 mm	2.1	4
CRPL50W22840	50	6000	4000	IP54/40	Ra≥80	600 x 600 x 14 mm	2.5	4
CRPL50W22865	50	6000	6500	IP54/40	Ra≥80	600 x 600 x 14 mm	2.5	4
CRPL40W14840	40	4000	4000	IP54/40	Ra≥80	300 x 1200 x 14 mm	2.3	4
CRPL40W14865	40	4000	6500	IP54/40	Ra≥80	300 x 1200 x 14 mm	2.3	4
CRPL50W14840	50	6000	4000	IP54/40	Ra≥80	300 x 1200 x 14 mm	2.3	4
CRPL50W14865	50	6000	6500	IP54/40	Ra≥80	300 x 1200 x 14 mm	2.3	4
CRPL60W24840	60	7000	4000	IP54/40	Ra≥80	600 x 1200 x 14 mm	4.4	2
CRPL60W24865	60	7000	6500	IP54/40	Ra≥80	600 x 1200 x 14 mm	4.4	2
CRPL50W22840IP65	50	6000	4000	IP65	Ra≥80	600 x 600 x 14 mm	2.5	4
CRPL50W22865IP65	50	6000	6500	IP65	Ra≥80	600 x 600 x 14 mm	2.5	4
CRPL50W14840IP65	50	6000	4000	IP65	Ra≥80	300 x 1200 x 14 mm	2.3	4
CRPL50W14865IP65	50	6000	6500	IP65	Ra≥80	300 x 1200 x 14 mm	2.3	4

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ALBEO Cleanroom Teardrop





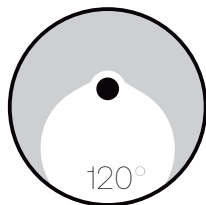
Typical Specifications

Size	2 ft		4 ft			5 ft		4 ft	
Lumens	1300 lm	2600 lm	2800 lm	4200 lm	5600 lm	7000 lm	8400 lm	1900 lm	3800 lm
System Power	10W	20W	20W	30W	40W	50W	60W	20W	40W
System Efficacy	130 LPW	130LPW	140 LPW	140 LPW	140 LPW	140 LPW	140 LPW	95 LPW	95 LPW
Cleanroom Class	ISO 5								
CCT				4000/6500K				Amber	
CRI				Ra≥80/Ra≥90				-	
SDCM				≤5					
Beam Angle				120°					
Input Voltage				220-240V					
Power Factor				≥0.9					
THD				<20%					
Surge Protection				L-N 1KV,L/N-G 2KV					
Ripple Current Ratio				≤5%					
Dimming				0-10V/DALI Optional					
Control	On-off		On-off / Microwave Motion Sensor						
Emergency	N/A		180 mins						
Protection				IP40/IK06					
Safety Class				Class I					
Housing Material				PC extruding housing					
Working Temperature				-20 - +40°C					
Rated Lifetime				50,000hrs					
Mounting	Surface Mounting/Seamless mounting optional								

Dimension

	Description	L	W	H	N.W.
	2ft	600 mm	55 mm	89 mm	0.8 kg
	4ft	1200 mm	55 mm	89 mm	1.2 kg
	5ft	1500 mm	55 mm	89 mm	1.5 kg
	4FT Emergency	1200 mm	55 mm	89 mm	1.6 kg
	5FT Emergency	1500 mm	55 mm	89 mm	1.9 kg

Photometric



Order Logic

CRTL	10W	2ft	8	40	-	-
PROD. ID	Power	Size	CRI	CCT	Dimming	Options
CRTL: PROCLEAN Cleanroom Teardrop	10W	2FT: 600mm	Blank: Amber	40:4000K	Blank: Non-dimming	MS: Motion Sensro
	20W	4FT: 1200mm	8: Ra80	65:6500K	AD: 0-10V dimming	E: Emergency
	30W	5FT: 1500mm	9: Ra90	AMBER: Amber	DA: DALI Dimming	
	40W					
	50W					
	60W					



Order Description

Description	Power	Lumens	CCT	CRI	Dimming	Options	QTY/CTN
CRTL10W2FT840	10W	1300lm	4000K	Ra≥80	N	N	15 pcs
CRTL20W2FT840	20W	2600lm	4000K	Ra≥80	N	N	15 pcs
CRTL20W4FT840	20W	2800lm	4000K	Ra≥80	N	N	15 pcs
CRTL30W4FT840	30W	4200lm	4000K	Ra≥80	N	N	15 pcs
CRTL40W4FT840	40W	5600lm	4000K	Ra≥80	N	N	15 pcs
CRTL50W5FT840	50W	7000lm	4000K	Ra≥80	N	N	15 pcs
CRTL60W5FT840	60W	8400lm	4000K	Ra≥80	N	N	15 pcs
CRTL10W2FT865	10W	1300lm	6500K	Ra≥80	N	N	15 pcs
CRTL20W2FT865	20W	2600lm	6500K	Ra≥80	N	N	15 pcs
CRTL20W4FT865	20W	2800lm	6500K	Ra≥80	N	N	15 pcs
CRTL30W4FT865	30W	4200lm	6500K	Ra≥80	N	N	15 pcs
CRTL40W4FT865	40W	5600lm	6500K	Ra≥80	N	N	15 pcs
CRTL50W5FT865	50W	7000lm	6500K	Ra≥80	N	N	15 pcs
CRTL60W5FT865	60W	8400lm	6500K	Ra≥80	N	N	15 pcs
CRTL20W4FTAMBER	20W	1900lm	Amber	-	N	N	15 pcs
CRTL40W4FTAMBER	40W	3800lm	Amber	-	N	N	15 pcs
CRTL20W4FT840E	20W	2800lm	4000K	Ra≥80	N	Emergency	15 pcs
CRTL30W4FT840E	30W	4200lm	4000K	Ra≥80	N	Emergency	15 pcs
CRTL40W4FT840E	40W	5600lm	4000K	Ra≥80	N	Emergency	15 pcs
CRTL50W5FT840E	50W	7000lm	4000K	Ra≥80	N	Emergency	15 pcs
CRTL60W5FT840E	60W	8400lm	4000K	Ra≥80	N	Emergency	15 pcs
CRTL20W4FT865E	20W	2800lm	6500K	Ra≥80	N	Emergency	15 pcs
CRTL30W4FT865E	30W	4200lm	6500K	Ra≥80	N	Emergency	15 pcs
CRTL40W4FT865E	40W	5600lm	6500K	Ra≥80	N	Emergency	15 pcs
CRTL50W5FT865E	50W	7000lm	6500K	Ra≥80	N	Emergency	15 pcs
CRTL60W5FT865E	60W	8400lm	6500K	Ra≥80	N	Emergency	15 pcs
CRTL20W4FTAMBERE	20W	1900lm	Amber	-	N	Emergency	15 pcs
CRTL40W4FTAMBERE	40W	3800lm	Amber	-	N	Emergency	15 pcs

The above is only including a part of product info. Please consult us if any further product info is needed.

PROCLEAN Teardrop Cleanroom Light

Model: CRTL40W4FT865ADE
SKU#: 93305753

Electrical

Power(W)	40
Input Voltage (V)	220-240
Power Factor	0.9
Ripple %	5%
Lifetime(hrs)	50,000

Optical

Lumens(lm)	4860
LPW(lm/w)	135
CRI (Ra)	80
CCT (K)	6500
SDCM	5
Beam Angle	160
UGR	
Diffuser Material	PC
Direct Light/Indirect Light	

Construction

Housing Material	PC
IP Rating	IP40

Control

Dimming Mode:	0-10V
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Mounting

Mounting	Surface
Connection in-between fixtures	Flying wiring
Working Temp(°C)	-20-+40

Packaging

Net Weight(kg)	1.6
QTY/Carton	15
MOQ	500



PROCLEAN Teardrop Cleanroom Light

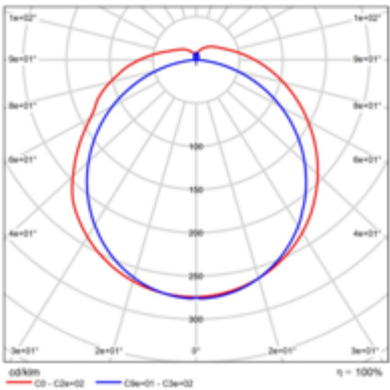
Model: CRTL40W4FT865ADE
SKU#: 93305753

Dimension

Length (mm)	1200
Width (mm)	50
Height (mm)	88



Photometric





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Cleanroom Teardrop





Features

Streamline teardrop shape maximally avoid dust attached in cleanrooms, can meet the classification 10-1000.

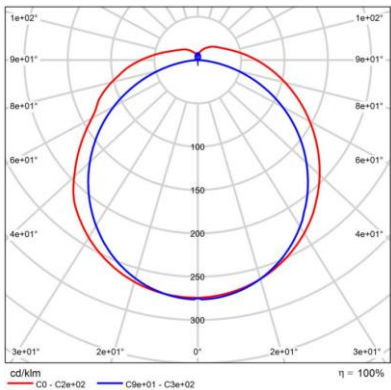
Application

- Pharmaceutical Cleanroom workshop
- Hospital Operation Theater
- Semiconductor IC Production
- Biological Laboratory

Specifications

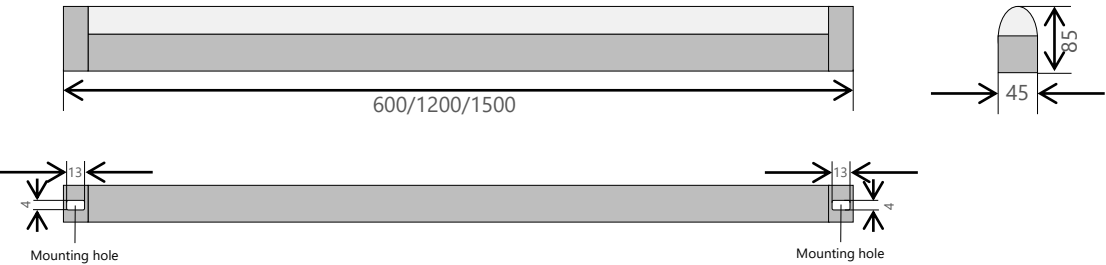
Model	CRTL10W2FT	CRTL20W4FT	CRTL30W4FT	CRTL40W4FT	CRTL45W5FT
Power	10W	20W	30W	40W	50W
Lumens @White Light	1250 lm	2800 lm	4480 lm	5600 lm	7000 lm
Efficacy @White Light	125 LPW	140 LPW	140 LPW	140 LPW	140LPW
Lumens @Amber Light	684 lm	1560 lm	2340 lm	3080 lm	3900 lm
Efficacy @Amber Light	76 LPW	78 LPW	78 LPW	77 LPW	78 LPW
CRI	Ra≥80 @4000/6500K				
CCT	4000/6500K/AMBER				
Ripple Current Ratio	≤5%				
Cleanroom Class	10-1000				
Color Tolerance	SDCM≤5				
Beam angle	120°				
Input	220-240VAC 50/60Hz				
Power factor	≥0.90@220V full load				
Insulation	Class I				
IP/IK Rating	IP40/IK03				
Lifespan	50000 hours (L70B50)@25°C				
Operational environment	-20°C~40°C				
Material	PC extruding housing				
Dimension	600 x 84 x 45mm	1200 x 84 x 45mm			1500 x 84 x 45mm
N.W.	0.8 Kg	1.2Kg			1.5kg
Installation	Ceiling mounting				
Compliance	CCC/CB				

Photometric

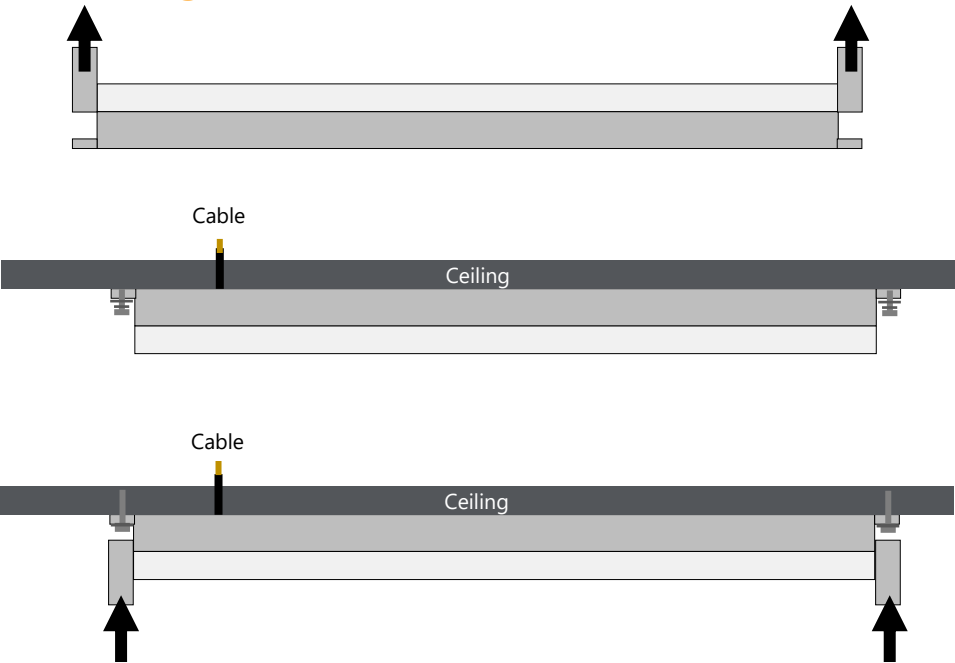


Dimension

Unit:mm



Mounting



- Step 1

Remove two side caps vertically
- Step 2

Mount the batten on the ceiling by 2 sets of M4*12 screws, D4 spring washers, D4 flat washers
- Step 3

Mount the 2 side caps vertically till locked.

Ordering logic

CRTL	10W	2FT	8	40	
Product ID	Power	Size	CRI	CCT	Option
CRTL: Cleanroom Teardrop Light	10W	2FT: L600mm	9: Ra90	40:4000K	Blank: No Dimming
	20W	4FT: L1200mm	8: Ra80	50:5000K	AD: 0-10V dimming
	30W	5FT: L1500mm	Blank: AMBER	65:6500K	DA: Dali dimming
	40W			AMR:AMBER	MS: Motion Sensor
	50W				E: Emergency

SKU# & Order Description

Description	Power (W)	Lumens	CCT (K)	IP Rating	CRI	Dimension mm	Weight Kg
CRTL10W2FT840	10	1250	4000	IP40	Ra≥80	600 x 84 x 45mm	0.8
CRTL9W2FT865	10	1250	6500	IP40	Ra≥80	600 x 84 x 45mm	0.8
CRTL9W2FTAMR	10	684	AMBER	IP40	N/A	600 x 84 x 45mm	0.8
CRTL20W4FT840	20	2800	4000	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL20W4FT865	20	2800	6500	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL20W4FTAMR	20	1560	AMBER	IP40	N/A	1200 x 84 x 45mm	1.2
CRTL30W4FT840	30	4480	4000	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL30W4FT865	30	4480	6000	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL32W4FTAMR	30	2340	AMBER	IP40	N/A	1200 x 84 x 45mm	1.2
CRTL40W4FT840	40	5600	4000	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL40W4FT865	40	5600	6500	IP40	Ra≥80	1200 x 84 x 45mm	1.2
CRTL40W4FTAMR	40	3080	AMBER	IP40	N/A	1200 x 84 x 45mm	1.2
CRTL45W5FT840	50	7000	4000	IP40	Ra≥80	1500 x 84 x 45mm	1.5
CRTL45W5FT865	50	7000	6500	IP40	Ra≥80	1500 x 84 x 45mm	1.5
CRTL45W5FTAMR	50	3900	AMBER	IP40	N/A	1500 x 84 x 45mm	1.5