

PLLE linear LED lighting-Harsh & Heavy Industrial Area

Product introduction

The PLLE product Series LED Luminaires are using high-quality international brand LED chips, have extremely long lifespan. Multiple version of the LED are available, providing ideal solutions for indoor or outdoor areas to retrofit existing fluorescent fixtures.



Product features

Model	Length	Color temp.	Nominal lumens	Wattage	Equivalent fluorescent luminaire
PLLE-2-C2-3L	735mm	5700K	3000lm	30W	2x18W
PLLE-2-C2-4L	735mm	5700K	4000lm	40W	2x36W
PLLE-4-C2-5L	1335mm	5700K	5000lm	60W	2x36W
PLLE-4-C2-8L	1335mm	5700K	8000lm	80W	2x58W

- Reliability
 - Polycarbonate, 4J impact resistant
 - Cooper free aluminum for excellent corrosion and heat transfer properties
 - IP66 protection

- Permissible ambient temperature:
 - Standard luminaire: -40°C~+55°C
 - Emergency luminaire: -25°C~+55°C
 - Available for 3000K, 4000K, 5000K and 6500K
- Anti shock and vibration proof
- Mercury-free
- Instant ON without time delay
- Fixture life and years of maintenance-free operation

Ambient temperature	No. of years at 24 hours usage	No. of years at 12 hours usage
25°C	11	23
30°C	11	23
35°C	10	21
40°C	9	17
45°C	7	14
55°C	5	9

Technical data

Ambient temp	-40°C ~ 55°C (Normal) -25°C ~ 55°C (Emergency)
Rated input volt	100~240 VAC;
Power factor	>0.9
CRI	Cool white>70, warm white>80
System watt	2 series: 30W/40W 4 series: 60W/80W
Lumen output	2 series: 2000Lm/3000Lm/4000Lm 4 series: 4000Lm/5000Lm/7000Lm/8000Lm
Material	Aluminum
Weight	2 series normal: 5kg 2 series Em: 6kg 4 series normal: 10kg 4 series Em: 12kg
Terminals	6mm ²
Out line dimension	2 series: 735x180x130(mm) 4 series: 1335x180x130(mm)
Backup duration & lumen percentage	EM1=1.5h, 25% output, EM2=3h, 25% output, EM3=3h, 20% output
IP (IEC60529)	IP66

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Ordering logic

PLLE	-2	-W	-2L	-EM1	-1/6-225	-C	-N
Product Group	Length	Color Temp	Lumen output	Emergency Duration	Wire and Entry size type	Coating	Safety Switch
Hazardous linear LED	-2=2 feet length -4=4 feet length	-C1=cold temp, 5000K -C2=cold temp, 5700K -C3=cold temp, 6500K -VW1=warm temp, 3000K -VW2=warm temp, 4000K	-2L=2000Lm (2 feet, warm color only) -3L=3000Lm (2 feet, cold color only) -3L=3000Lm (2 feet, warm color only) -4L=4000Lm (2 feet, cold color only) -4L=4000Lm (4 feet, warm color only) -5L=5000Lm (4 feet, cold color only) -7L=7000Lm (4 feet, warm color only) -8L=8000Lm (4 feet, cold color only)	Default=non-emergency version -EM1=1.5 Hours 25% output -EM2=3 Hours 25% output -EM3=3 Hours 20% output	-1/6-120=6mm ² Single-ended 1 x M20 -1/6-220=6mm ² Single-ended 2 x M20 -1/6-125=6mm ² Single-ended 1 x M25 -1/6-225=6mm ² Single-ended 2 x M25 -2/6-120=6mm ² Through wiring 2-1 x M20 -2/6-220=6mm ² Through wiring 2-2 x M20 -2/6-125=6mm ² Through wiring 2-1 x M25 -2/6-225=6mm ² Through wiring 2-2 x M25	Default=Cu-free Al, no coating -C=Epoxy Coating	Default=with safety switch -N=Without safety switch

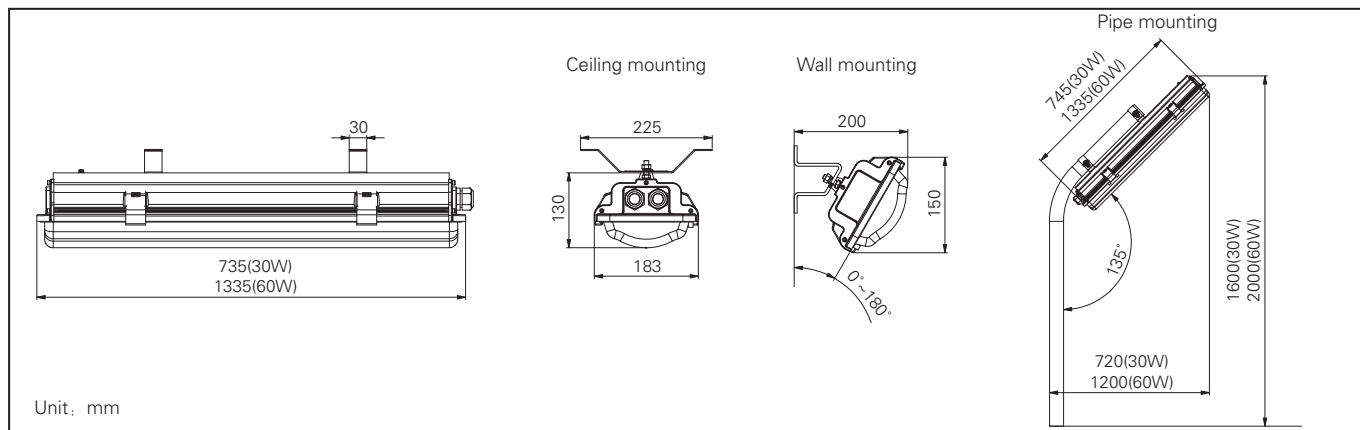
* EM3 for 7L/8L 3L warm color / 4L cold color

Ordering information

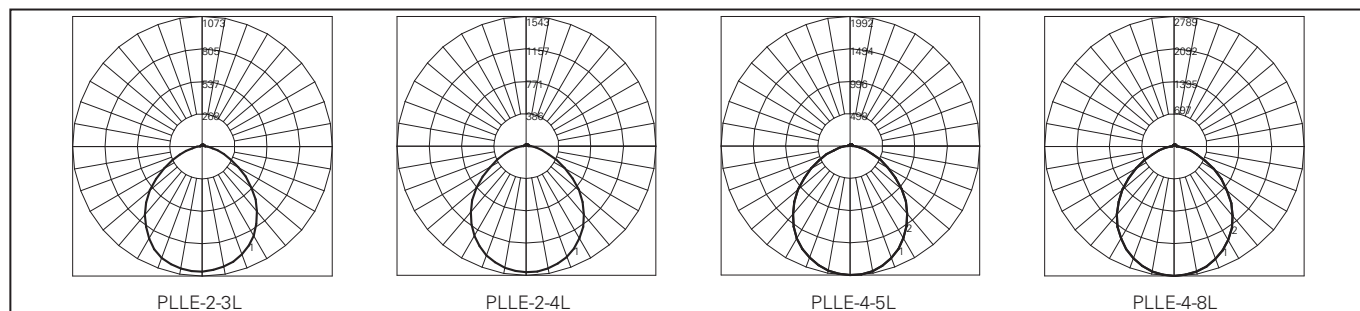
Part No.	Product Type	Ambient Ta	Lumen Output	Colour Temp	System Watt
CCL1652792	PLLE-2-C2-3L-1/6-120-N	-40°C~+55°C	3000	5700K	30W
CCL1652808	PLLE-2-C2-3L-EM1-1/6-120-N	-25°C~+55°C			
CCL1652888	PLLE-2-C2-4L-1/6-120-N	-40°C~+55°C	4000		40W
CCL1652904	PLLE-2-C2-4L-EM3-1/6-120-N	-25°C~+55°C			
CCL1652952	PLLE-4-C2-5L-1/6-120-N	-40°C~+55°C	5000		60W
CCL1652968	PLLE-4-C2-5L-EM1-1/6-120-N	-25°C~+55°C			
CCL1653048	PLLE-4-C2-8L-1/6-120-N	-40°C~+55°C	8000		80W
CCL1653064	PLLE-4-C2-8L-EM3-1/6-120-N	-25°C~+55°C			

* Any other types, please contact Crouse-Hinds sales.

Dimension

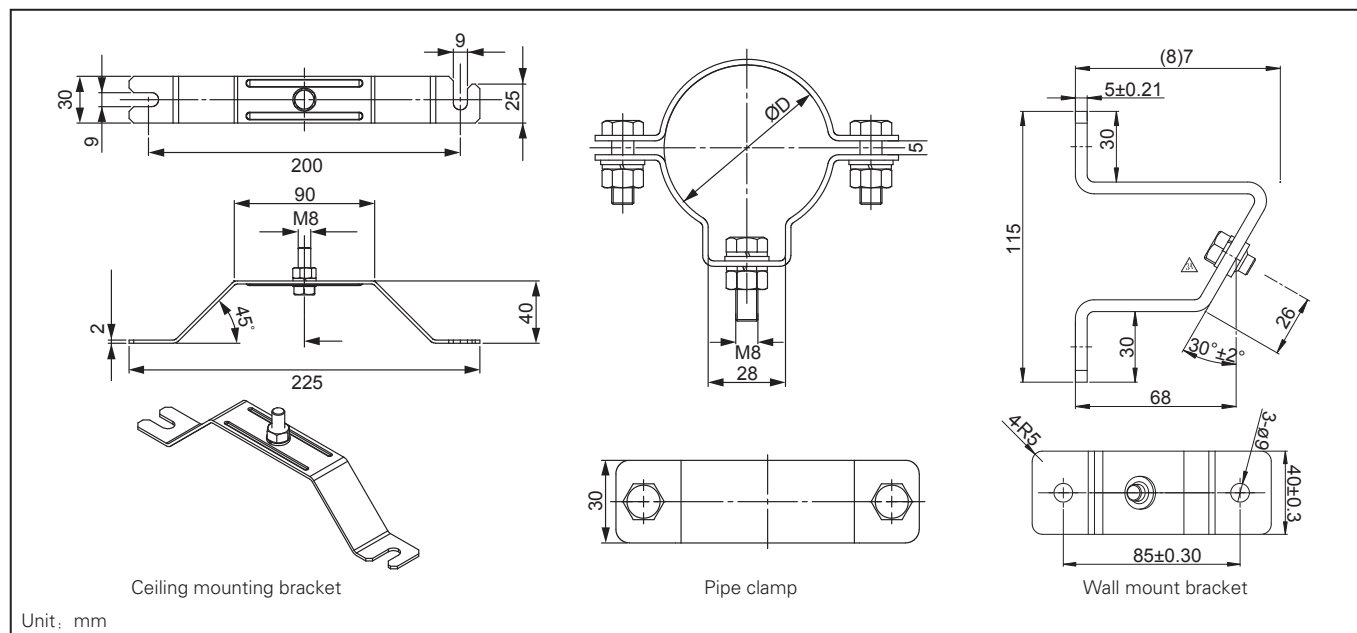


Polar curve



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Mounting accessories (To be ordered separately)



Pipe mounting

Part No	Description	Qty*
CHR11076	Pipe clamp assy D42 316S/S	2
CHR11077	Pipe clamp assy D42 304S/S	2
CHR11078	Pipe clamp assy D42 plating	2
CHR11079	Pipe clamp assy D51 316S/S	2
CHR11080	Pipe clamp assy D51 304S/S	2
CHR11081	Pipe clamp assy D51 plating	2

Wall mounting

Part No	Description	Qty*
CHR11073	Wall suspension 316S/S	2
CHR11074	Wall suspension 304S/S	2
CHR11075	Wall suspension plating	2

Ceiling mounting

Part No	Description	Qty*
CHR11099	Ceiling mounting BKT 316S/S	2
CHR11100	Ceiling mounting BKT 304S/S	2
CHR11101	Ceiling mounting BKT plating	2

* For above part no. need to order 2pcs for one lighting fixture.