

PCULS

Pendant U-LineLinear | Surface LED Linear Lighting System

Features:

- Unique design, indirect lighting solution
- 4' and 8' lengths, up to 140W
- High efficacy, up to 150LM/W
- Low glare, UGR<19
- 10% uplight and 90% downlight
- Continuous runs, 100FT in 120VAC, 230FT in 277VAC and 290FT in 347VAC
- Pendant or surface
- ETL and 5 years limited warranty

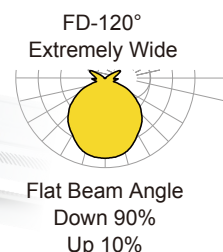
Specifications

- Input Voltage: 100–347VAC
- Mains Frequency: 50/60Hz
- Power Factor (PF): 0.9
- Efficacy: Up to 150 LM/W
- Fixed CCT: 3500K / 4000K
- CRI: 80+
- R9: >0
- SDCM: <3
- Beam Angle: 120°
- Dimming: 0–10V
- Dimming Range: 5%–100%
- THD: <15%
- Flicker Metric Pst LM: ≤1.0
- Stroboscopic Effect Metric (SVM): ≤0.4
- Flicker Percent: ≤5%
- Operating Humidity: 10%–80%
- Storage Humidity: 10%–80%
- Ambient Temperature Ta (At L70 50,000 hrs): -25°C to 40°C
- Warranty: 5 Years Limited
- Turn-On Time (Output): ≤1s
- Output Voltage: 30–42V
- Surge Protection (Between L–N): Max 2.5KV
- Surge Protection (Between L/N–PE): 2KV
- Max. Casing Temperature Tc: 75°C



OPTICS

10% of the light upward to the ceiling and 90% reflected onto the floor with unique reflective design.



MODEL-SPECIFIC SPECIFICATIONS

Specification	4ft Model	8ft Model
Wattage Selectable	55W / 60W / 65W / 70W	110W / 120W / 130W / 140W
Input Current	0.65 / 0.70 / 0.75 / 0.80A Max	1.3 / 1.4 / 1.5 / 1.6A Max
Lumen Output	Up to 10,500 LM	Up to 21,000 LM
Output Current	0.96 / 1.19 / 1.41 / 1.65A	1.92 / 2.38 / 2.82 / 3.3A

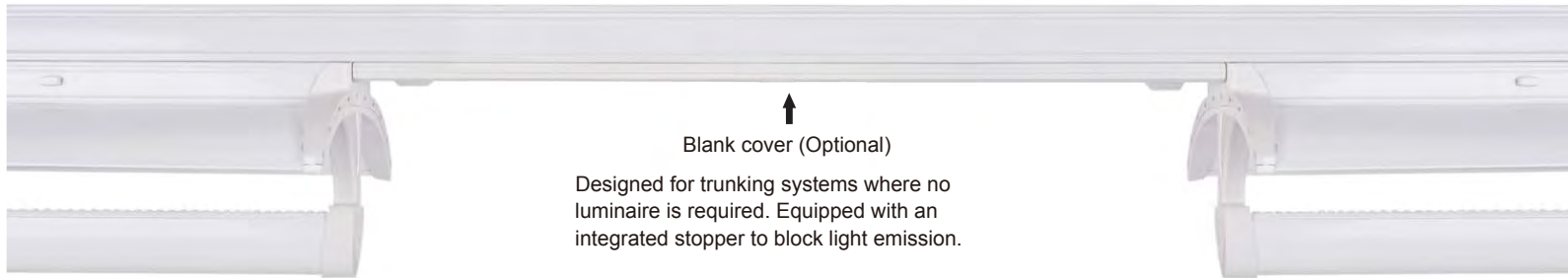


PRODUCT ORDERING GUIDE

Example: PCULS-1270-35FU-05WH-10

PCULS - FU - 05 WH - 10							
Category	Length	Wattage	CCT	Beam Angle	Wire	Finish	Dimming
PCULS U Line Linear Luminaire	12 4ft Length	70 Up to 70w for 4ft	35 3500K	FU Flood 120Å 10% Uplight and 90% downlight	05 5 Wires	WH White Finish	10 0-10V Dimming
	24 8ft Length	140 Up to 140w for 8ft	40 4000K				

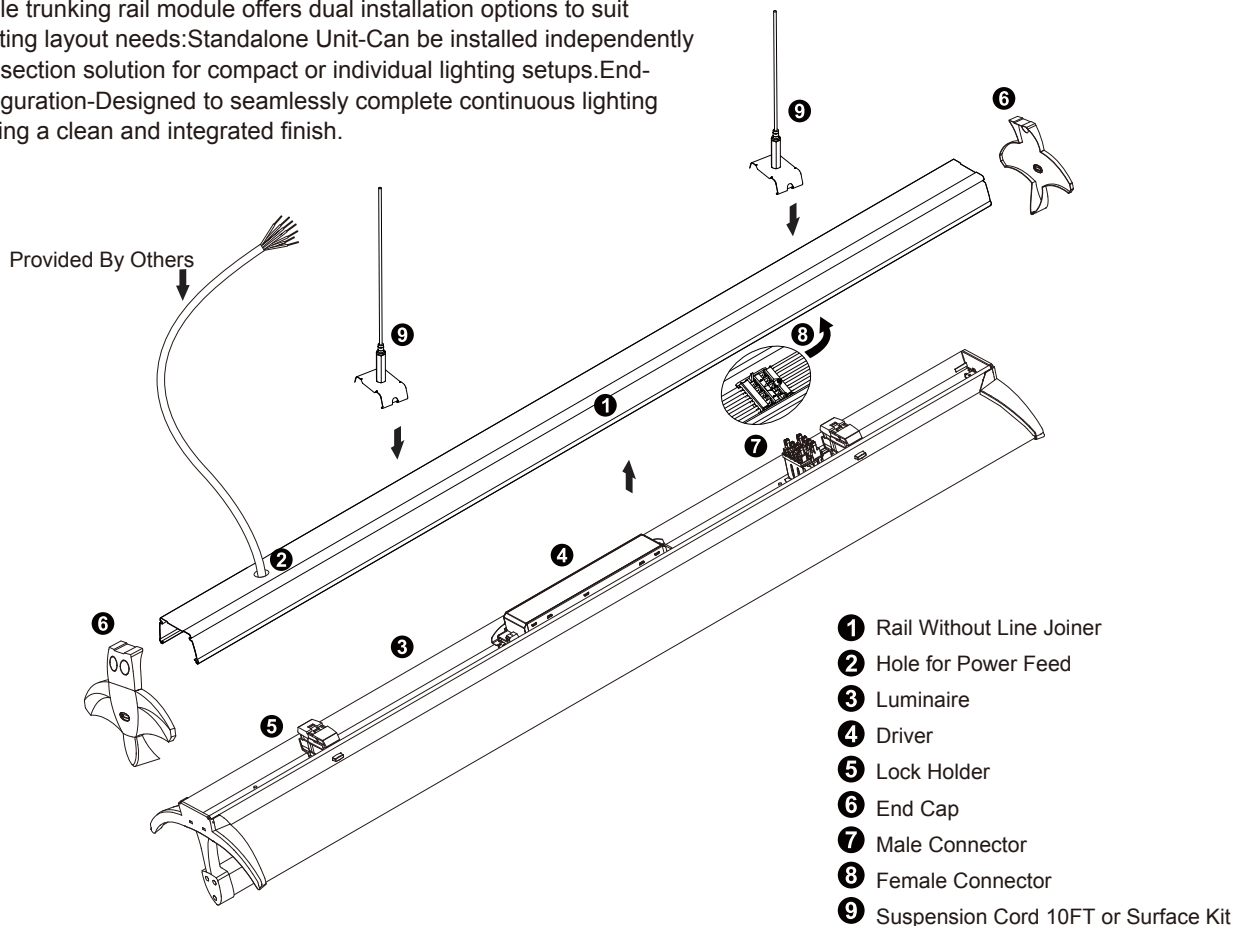
TRUNKING RAIL



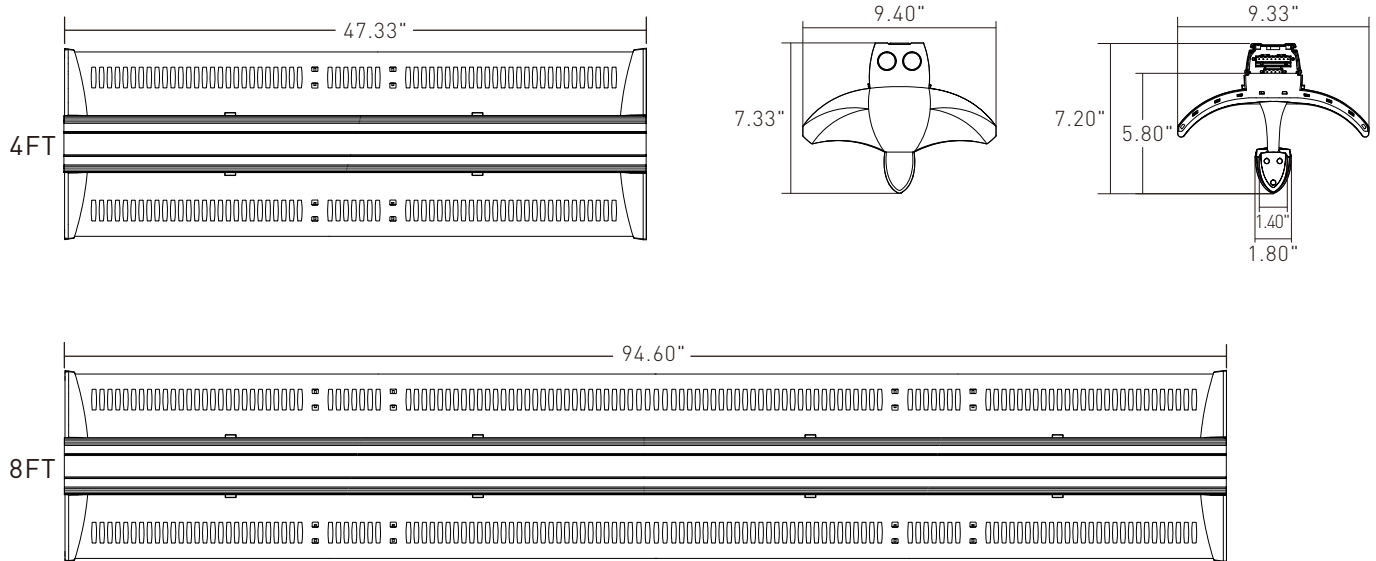
- The flexible trunking system designed to meet demanding lighting needs across all applications.
- It's fully compatible modular kit allows for customized adaptation to even the most complex lighting tasks.
- Luminaires can be positioned with total flexibility, and the system can be easily adjusted to accommodate structural changes at any time. Modifying the layout is simple-just replace or add lighting modules as needed.
- Max current should not exceed 16A in one power feed in circuit.
- Connection of each input line is 100FT in 120VAC, 230FT in 277VAC and 290FT in 347VAC.

RAIL WITHOUT LINE JOINER

This versatile trunking rail module offers dual installation options to suit various lighting layout needs: Standalone Unit-Can be installed independently as a single-section solution for compact or individual lighting setups. End-Piece Configuration-Designed to seamlessly complete continuous lighting runs, ensuring a clean and integrated finish.

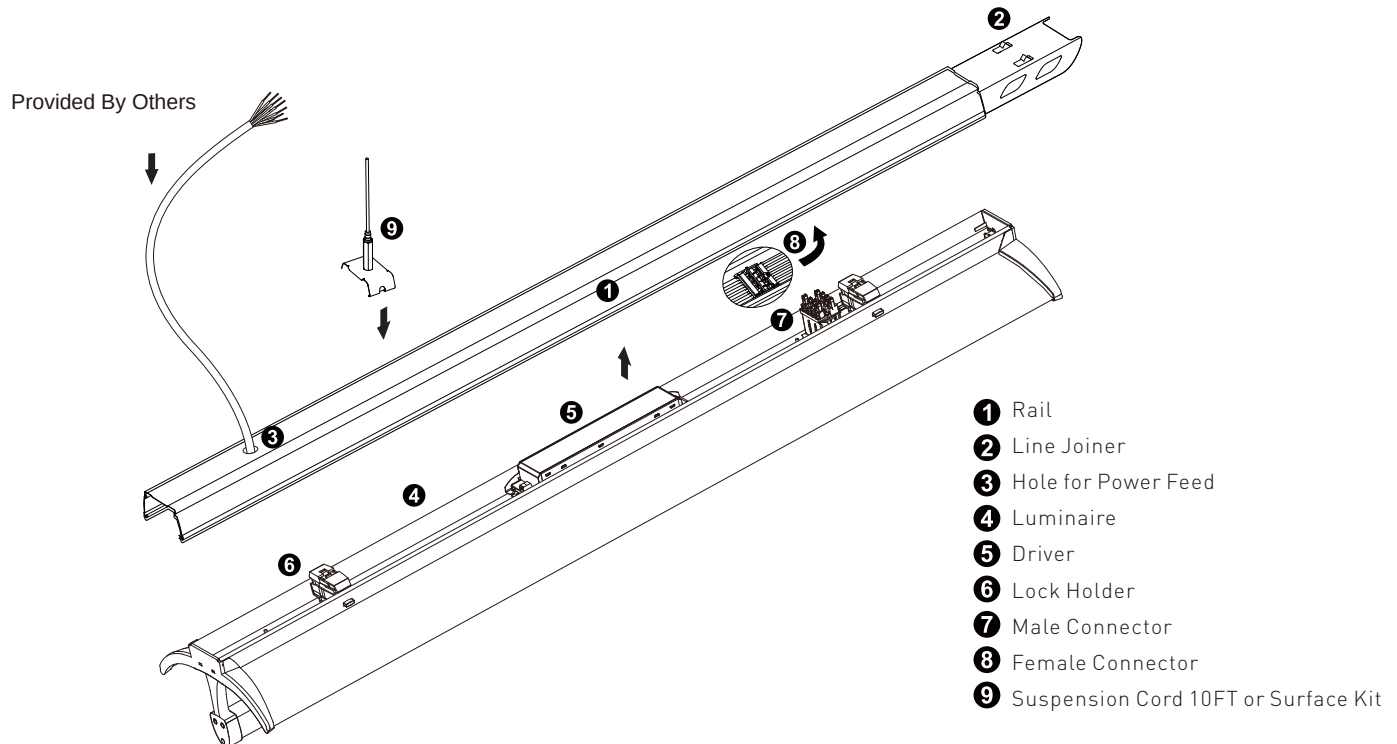


RAIL WITHOUT LINE JOINER DIMENSIONS

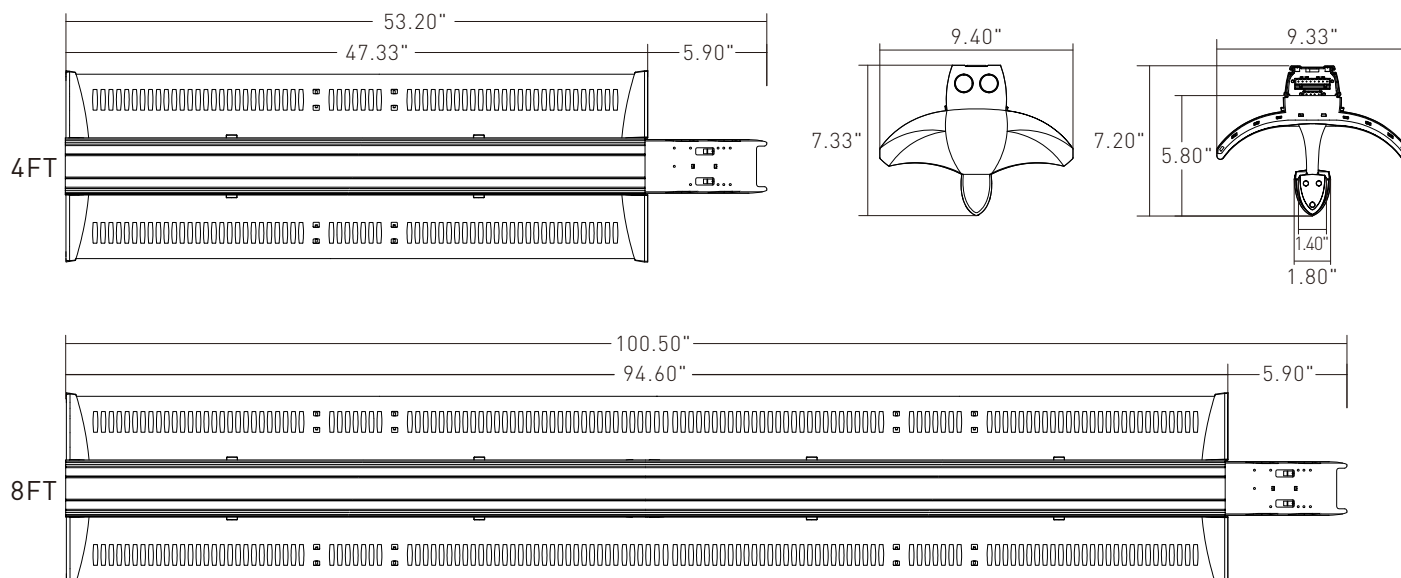


RAIL WITH LINE JOINER

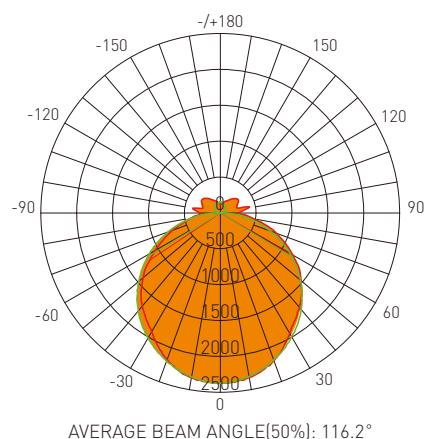
This module is designed for the first and middle sections of continuous lighting runs. The integrated line joiner seamlessly connects adjacent light fixtures, ensuring a secure and uninterrupted installation.



RAIL WITH LINE JOINER DIMENSIONS



DISTRIBUTION DIAGRAM



Lumens: 8385.16 Lm
Watts: 60 W
LPW: 141.51Lm/W
CCT: 4000K

UNIT: cd
C0/180, 115.5°
C90/270, 117.0°

Zonal Flux Diagram						Zonal Lumens		Luminance cd/(m2)		
Y	C0	C45	C90	C135	C180	Y	φ total	G(DEG)	C0/180	C90/270
10	2331	2325	2317	2311	2334	0-10	224.2	85	15438	7518
20	2190	2194	2180	2177	2176	10-20	864.2	80	10221	7650
30	1935	1984	1992	1955	1912	20-30	1827	75	9571	7907
40	1718	1700	1754	1668	1693	30-40	2984	70	9189	8070
50	1468	1450	1459	1411	1408	40-50	4212	65	8883	8183
60	1167	1152	1118	1087	1050	50-60	5367	60	8759	8252
70	837.2	810.7	747.9	705.3	712.5	60-70	6304	55	8772	8327
80	472.8	451.0	360.0	371.4	412.4	70-80	6928	50	8571	8375
90	264.7	196.0	12.37	201.2	282.4	80-90	7233	45	8524	8428
100	387.3	196.4	35.99	159.8	391.7	90-100	7446			
110	242.2	151.0	63.18	181.9	262.8	100-110	7622			
120	286.7	229.6	84.65	256.6	305.3	110-120	7808			
130	307.6	205.0	99.96	228.5	311.8	120-130	8002			
140	259.5	151.4	107.2	182.9	265.4	130-140	8155			
150	200.1	124.8	123.1	179.9	209.4	140-150	8260			
160	167.4	122.2	137.3	167.5	175.2	150-160	8331			
170	136.3	133.2	148.4	155.0	143.7	160-170	8372			
180	156.8	149.1	153.4	149.5	157.3	170-180	8385			
DEG	LUMINOUS INTENSITY:cd					UNIT: lm				