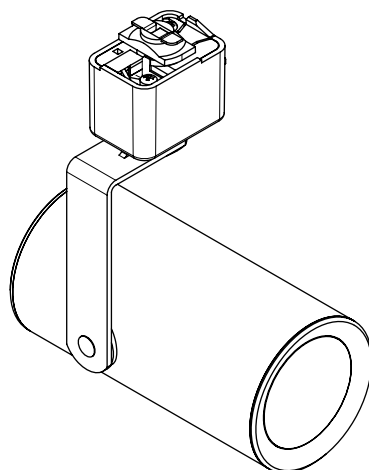


Track Heads

CorePro LED Mini Cylinder



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____



The Philips Lightolier CorePro LED Mini Cylinder is a completely integrated LED luminaire. By combining the optics, light source, thermal management system and driver into a single housing, this luminaire provides a sleek look suitable for lower mounting heights and smaller spaces. This small, sleek luminaire design offers efficacy up to 80lm/w.

Ordering guide

example: LT08RNF830AL or LT08RNF930ALCW

Series	Track Adapter	Lumens	Beam Spread	CRI/CCT	Finish	Options
LT	<input type="checkbox"/>	08	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LT CorePro LED Mini Cylinder	— Lightolier (leave blank) C Capri ¹ H Halo J Juno	08 700lm	RNF Narrow Flood (20°) RWF Wide Flood (35°)	827 80 CRI/2700 K 830 80 CRI/3000 K 930 90 CRI/3000 K	AL Aluminum ¹ BK Black WH White	CW CrispWhite ² — None (leave blank)

1. The Capri (C) track adapter is not available with the Aluminum (AL) finish option.
 2. The CrispWhite (CW) option is available for the 90 CRI/3000 K (930) CRI/CCT configuration only.
 For other configurations and variations please contact the factory.

Features

- Track attachment fitting:** Molded polycarbonate Integral color in gray, black or white. Rotates into place with the use of a push tab.
- Push tab:** Molded polycarbonate. Locks and detaches unit.
- Drive and optic housing:** Extruded aluminum. Steel eyelet friction connection. Rotates 180°.
- Movable contact:** Solid brass. Extends for connection to 2nd circuit in Advent track.
- Ground contact:** Solid brass.
- Integrated heat sink:** Passive cooling, integrated into optic and driver housing.
- Optics:** Single optic TIR (total internal reflection) optically clear thermoplastic. Prevents dust and contaminants from entering the luminaire.
- Light source:** Single Luxeon 1203 chip on board light emitting diode.
- Finish:** Powder coat finish.

CrispWhite Technology

Available in 90CRI/3000K only
 The Lumileds 90CRI CrispWhite technology combines the warm, saturated colors of high CRI with crisp and vibrant whites. The small form factor and high quality of light make this an impactful option for retail display areas.

Electrical

Electronic power supply
 Input voltage: 120, 50/60Hz
 Input power: 8.9W
 High Power factor: 0.99
 Lumen Maintenance: >70% of initial lumens at 50,000hrs.
 Photometric performance:
 Tested in accordance with LM79.

Catalog Number	Beam Angles	Flux	Power	Efficacy	CBCP
LT08RNF830	20° Narrow Flood	633	8.9W	71.1	2926
LT08RWF830	35° Wide Flood	702	8.9W	78.9	1537

Dimming

Trailing Edge (ELV) dimming compatibility
 Philips SR400RPC120 (100% - 0.26%)
 Lutron Skylark S-300P (100% - 0.48%)
 Lutron MAELV-600 (100% - 0.16%)
 Leviton Illumatech IPE04 (100% - 0.18%)

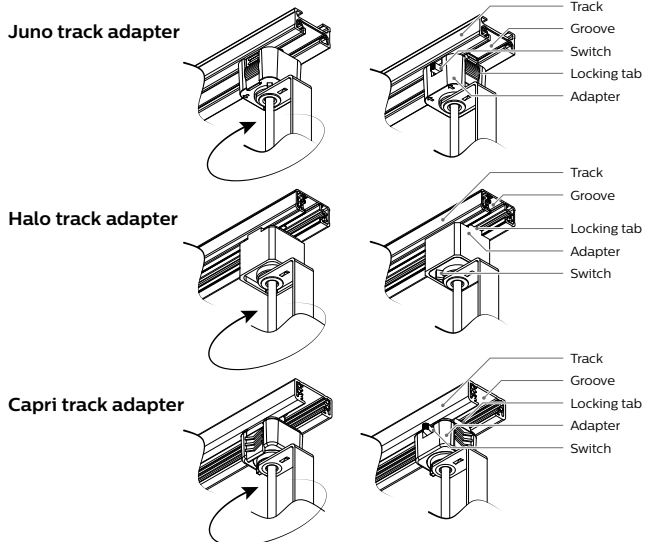
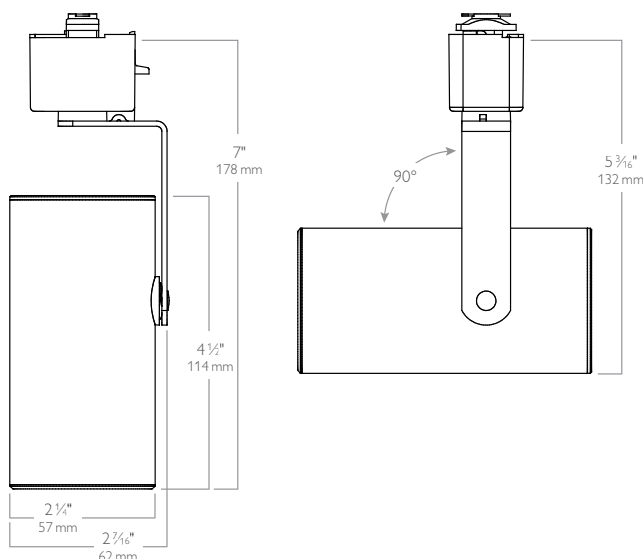
Labels

cULus listed. 5 year warranty.
 ENERGY STAR® certified.

LT08 Corepro LED Mini Cylinder

2 1/4" Aperture, 8.9W, 700lm track head

Dimensions

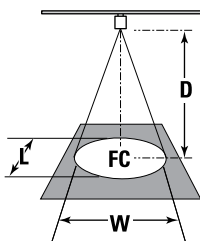


LT08RNF830WH & LT08RWF830WH • 8.9W LED, 3000K, Narrow and Wide, 700 lumen

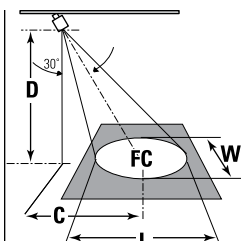
Aiming angle

L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial footcandles at the center of the beam. Data shown is for 3000K.

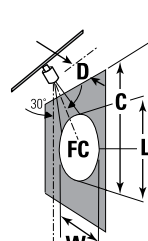
L = Beam length
W = Beam width
D = Distance
C = Distance to center beam
A = Aiming angle
FC = Footcandles
CBCP = Center Beam Candle Power



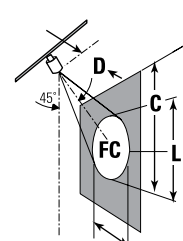
0° horizontal aiming angle





30° horizontal aiming angle



30° vertical aiming angle



45° vertical aiming angle

Beam spread (To 50% CBCP)		CBCP	Rated Life (hrs.)	D	C	FC	L	W		D	C	FC	L	W		D	C	FC	L	W		D	C	FC	L	W			
LT08RNF830 Narrow Flood		21°	2,926	50,000	5'	0.0'	117	1.9'	1.9'	5'	2.9'	76	2.5'	2.1'	2'	2.6'	163	2.5'	1.1'	2'	2.0'	259	1.5'	1.0'					
					6'	0.0'	81	2.2'	2.2'	6'	3.5'	53	3.0'	2.6'	2'	3.5'	91	3.3'	1.5'	3'	3.0'	115	2.3'	1.6'					
					7'	0.0'	60	2.6'	2.6'	7'	4.0'	39	3.5'	3.0'	3'	5.2'	41	5.0'	2.2'	4'	4.0'	65	3.1'	2.1'					
					8'	0.0'	46	3.0'	3.0'	8'	4.6'	30	4.0'	3.4'	4'	6.9'	23	6.6'	3.0'	5'	5.0'	41	3.8'	2.6'					
					D	C	FC	L	W						D	C	FC	L	W						D	C	FC	L	W
LT08RWF830 Wide Flood		35°	1,537	50,000	5'	0.0'	61	3.2'	3.2'	5'	2.9'	40	4.3'	3.6'	2'	2.6'	85	5.4'	1.9'	2'	2.0'	136	2.8'	1.8'					
					6'	0.0'	43	3.8'	3.8'	6'	3.5'	28	5.2'	4.4'	2'	3.5'	48	7.2'	2.5'	3'	3.0'	60	4.2'	2.7'					
					7'	0.0'	31	4.4'	4.4'	7'	4.0'	20	6.1'	5.1'	3'	5.2'	21	10.8'	3.8'	4'	4.0'	34	5.6'	3.6'					
					8'	0.0'	24	5.0'	5.0'	8'	4.6'	16	7.0'	5.8'	4'	6.9'	12	14.4'	5.0'	5'	5.0'	22	7.0'	4.5'					

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