



Luminaire Reducing Optic

LINCOR

Luminaire Reducing Optic

Individual & Continuous – 4' or 8' Sections

- UGR < 19
- Individual 4' or 8' luminaire or continuous-row system
- Luminaire Reducing Optic (LRO) features an advanced prismatic technology that reduces glare at steep angles of view
- Distinctively cubic aesthetic
- Aircraft cable suspension has continuous adjustment in horizontal direction
- Closed optical system prevents LED module damage from electrostatic discharge
- Continuous light-guide lens for homogeneous indirect light dispersal on the ceiling
- Available with separate direct / indirect switching

IBEW UNION MADE

DELIVERED LUMENS	COLOR TEMPERATURE	COLOR RENDERING	OPTICS	WATTS*
200 – 800 lm/ft	3000 K, 3500 K, 4000 K, Tunable White (2700 K – 6500 K), Zumtobel SPECTRUM (MacAdam 3 Step)	CRI 90+	Luminaire Reducing Optic (LRO)	Max lumens up to 108 lm/W *See next page for complete offering



Suitable for damp locations

Fixture Order Code

LINCOR	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 FIXTURE	LINCOR Fixture														
2 MOUNTING	PA Pendant 70" Feed PB Pendant 157" Cable														
3 LENGTH	XXX Total Length in Feet (4' increments)														
4 DISTRIBUTION	D Direct Only I Indirect Only C Single CH Direct/Indirect S Separate Switch Direct/Indirect														
5 DIRECT OUTPUT	08 800 Lumen 07 700 Lumen 06 600 Lumen 04 400 Lumen 03 300 Lumen 02 200 Lumen 00 No Output														
6 DIRECT OPTIC	L Luminaire Reducing Optic N None														
7 INDIRECT OUTPUT	04 400 Lumen 03 300 Lumen 02 200 Lumen 00 No Output														
8 INDIRECT OPTIC	B Batwing N None														
9 CRI	9 90 CRI														
10 CCT	30 3000 K 35 3500 K 40 4000 K 00 2600 K – 6000 K ZS Zumtobel SPECTRUM														
11 DRIVER	U 0-10V Dimming D DALI Dimming W Wireless														
12 FINISH	W White S Silver B Black														
13 EM – TYPE	C EM Circuit R Remote EM														
14 EM – START	1 Start EM 0 None														
15 EM – MID	X 1-9 Amount of EM 0 None														
16 EM – END	1 End EM 0 None														

Feed Canopy Suspension Kit Order Code

SUS	2	3	4	5	6
1 SUSPENSION	SUS Suspension Kit				
2 MOUNTING	070 70" Cable 157 157" Cable				
3 CANOPY TYPE	ST Standard DP Deep ¹ DE Deep Conduit End ¹ DL Deep Conduit 'L' ¹ DS Deep Conduit Straight ¹ DT Deep Conduit 'T' ¹				
4 CANOPY	1J5 Single Point J-Box 5" 1T5 Single Point T-Bar 5"				
5 FEED	SF Single Feed DF Dual Feed				
6 COLOR	B Black S Silver W White				

¹ Only available on J5 without EM

Non-Feed Canopy Suspension Kit Order Code

SUS	2	ST	4	NF	6
1 SUSPENSION	SUS Suspension Kit				
2 MOUNTING	070 70" Cable 157 157" Cable				
3 CANOPY TYPE	ST Standard				
4 CANOPY	1S1 Single Point Structure 1" ¹ 1T2 Single Point T-Grid 2" ²				
5 FEED	NF No Feed				
6 COLOR	B Black S Silver W White				

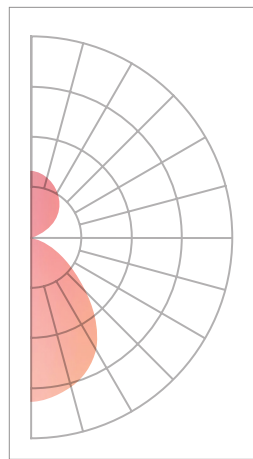
¹ Works with 1J5 Feed

² Works with 1T5 Feed

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Light Distribution

Luminance Reducing Optic



Direct / Indirect

Lumen Values

	930			935			940		
	lm/ft	W/ft	lm/W	lm/ft	W/ft	lm/W	lm/ft	W/ft	lm/W
LRO	200	1.9	103.0	200	1.9	106.1	200	1.9	107.6
	300	3.2	94.8	300	3.1	97.5	300	3.0	98.6
	400	4.4	91.2	400	4.3	93.7	400	4.2	94.6
	500	5.6	89.2	500	5.5	91.6	500	5.4	92.3
	600	6.8	87.9	600	6.7	90.2	600	6.6	90.9
	700	8.0	87.0	700	7.8	89.2	700	7.8	89.9
UPLIGHT	800	9.3	86.3	800	9.0	88.5	800	9.0	89.2
	200	3.5	56.9	200	3.4	58.4	200	3.4	59.1
	300	5.5	54.8	300	5.3	56.2	300	5.3	56.8
	400	7.4	53.8	400	7.3	55.2	400	7.2	55.7

Technical Detail

- 1) Construction:** The housing is made of aluminum extrusion available in 4- and 8-foot lengths with aluminum end caps and/or continuous row joiners painted black, silver or white. For custom colors, contact factory.

The direct optic is a microprism that reduces glare and shadows. The indirect optic is a co-extruded lens made of a light pipe with a top diffuser used to direct the light uniformly upwards.

2) Wattage and CCT: The unit is available as 200, 300, 400, 600, 700 or 800 lm/ft in 3000 K, 3500 K and 4000 K with CRI 90+. Tunable White (2700 K – 6500 K) and Zumtobel SPECTRUM also available.

3) Driver: The unit is available with 120/277 V universal 0-10 V dimming driver (1%), DALI dimming driver (1%) for T-Grid accessible and inaccessible ceilings (1%). U and D drivers are integral in the housing. For non-dimming

- requirements, order U driver and do not connect to dimming control during installation.

Tridonic Wireless option is available, it is a Bluetooth Wireless controller that can be controlled using the 4remote BT app or Bluetooth switches.

4) Zumtobel SPECTRUM: Please use QR code for complete details.



5) Mounting: Aircraft cable is available for junction box mounting or T-bar mounting in standard lengths of 70" and 157". Power feed canopy covers are flat, 5" round in white, black or silver powder coated finish. Canopy covers for nonpower feed suspensions are available in 1" or 2" round in white, black or silver powder coated finish. As a continuous

- row system, LINCOR is suspended directly from the connectors.

6) Standby Battery Pack: A remote standby battery pack is offered; for 4 feet illuminated at 7 W, the nominal lumen output is 500 lm for 90 minutes. Remote battery pack plate is powder coat white, contact factory for additional paint color options.

7) Separate Switching: Separate switching is provided with two power feed points per circuit (ONE at the beginning and end of each circuit).

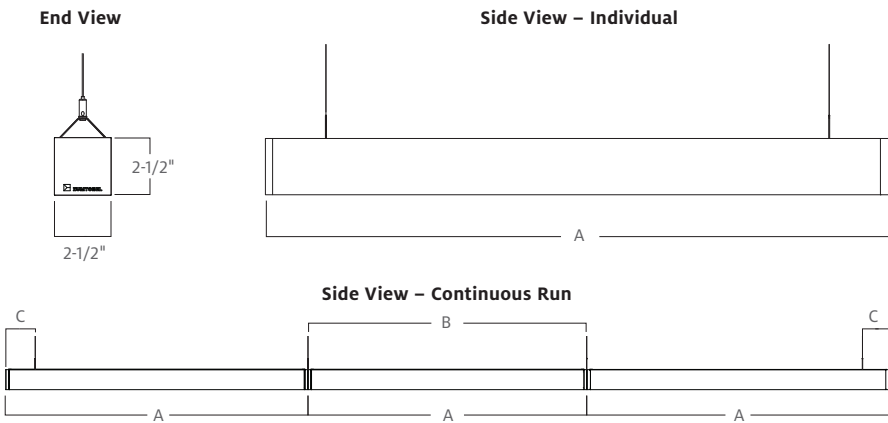
8) Life: L80 at 50,000 hours.

9) Weight: 7-1/2 lbs. (4' fixture)

10) Declare Information:

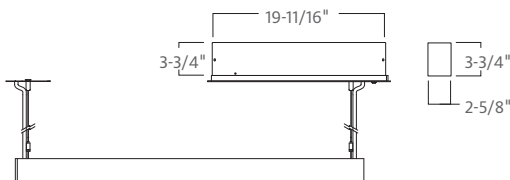


Dimensions

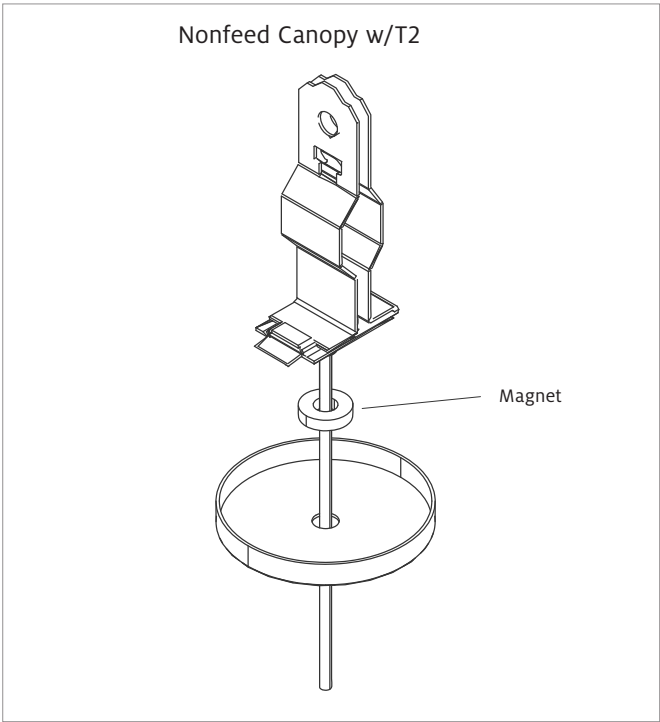
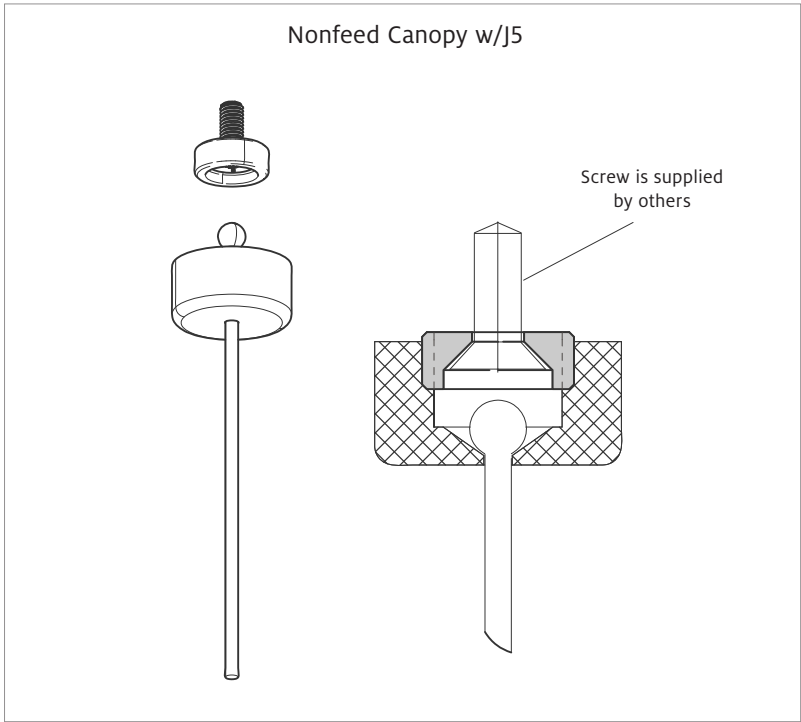
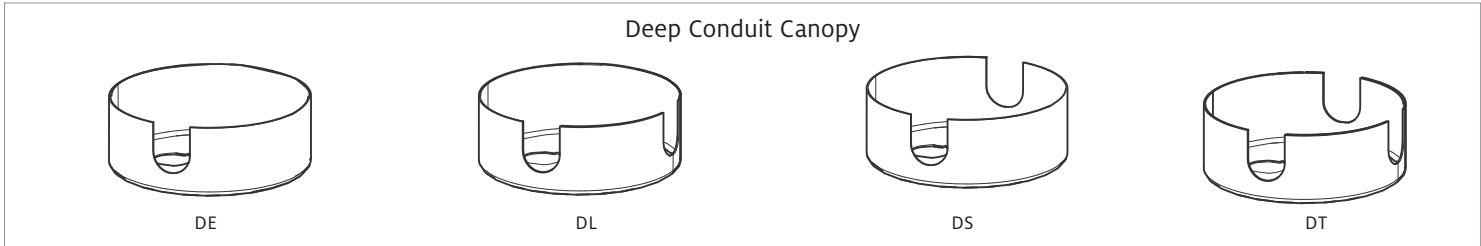
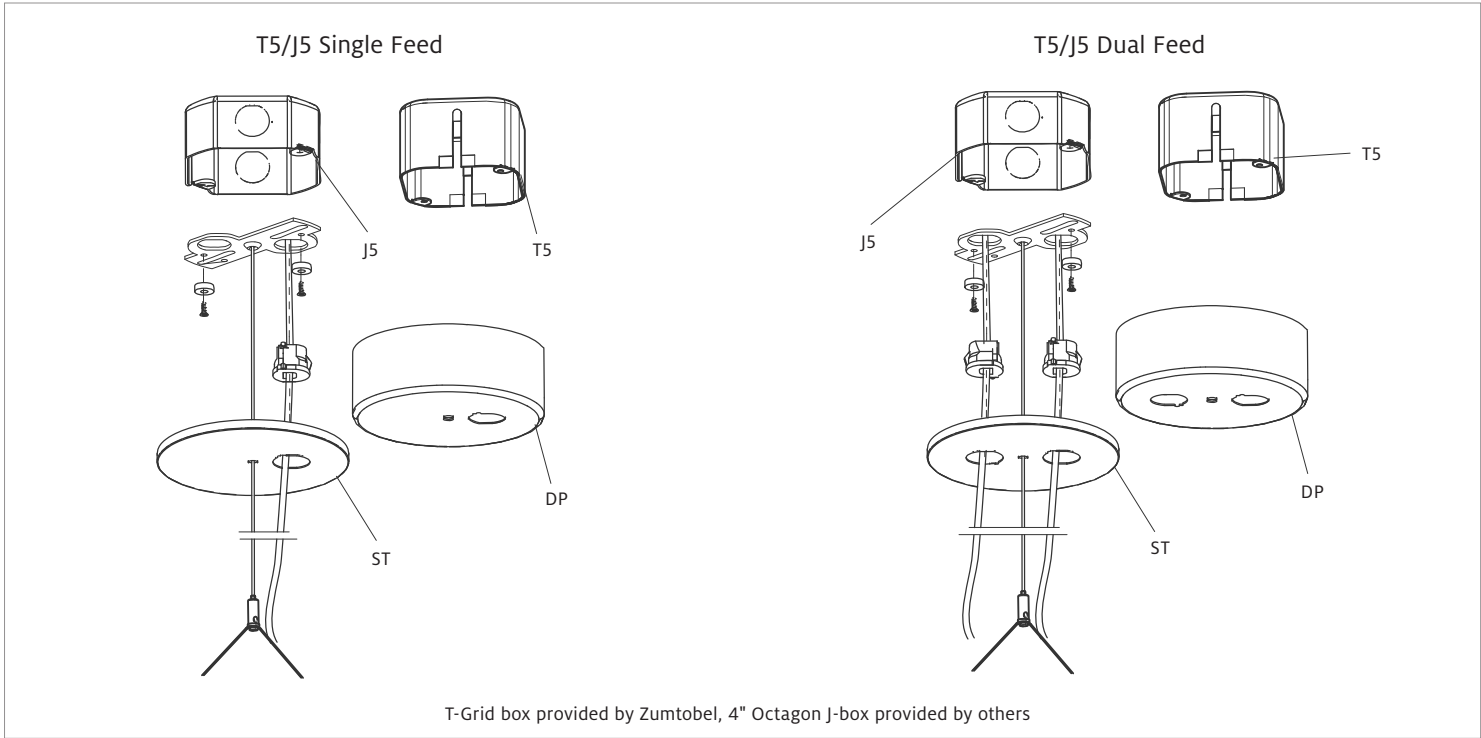


A	4'	8'	A: Fixture Length
Individual	47-5/8"	94-3/4"	B: Distance Between Suspensions
Starter/End	47-1/2"	94-5/8"	
Mid	47-3/8"	94-1/2"	
B			C: Recommended Minimum Distance from Endcap to Suspension
Mid	47-3/8"	94-1/2"	
C			
1" Minimum			

Remote EM Battery Remote EM



Pendant Suspensions



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