

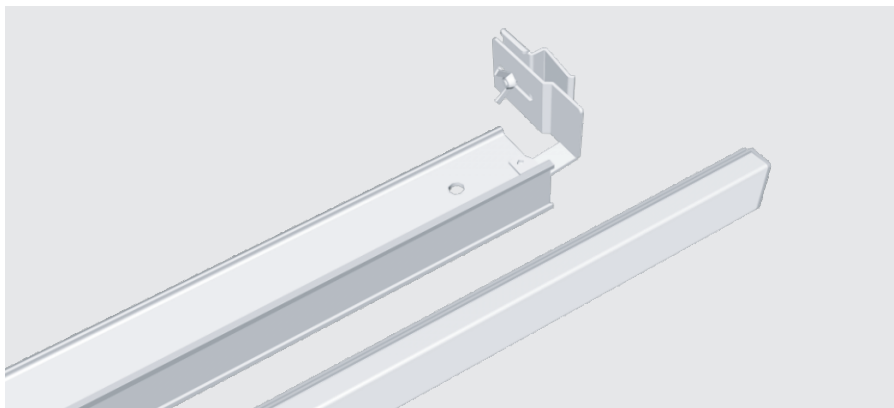


LED linear light has an added unique combination of LED module and T-Grid bracket. Featuring new generation green lighting solutions, the luminaires deliver up to 130 lm/W, enlarging the lumen spread over the entire space. It is available in 2' and 4' units with a choice of outputs 10W or 20W, making for glare-free and uniform distribution of light.

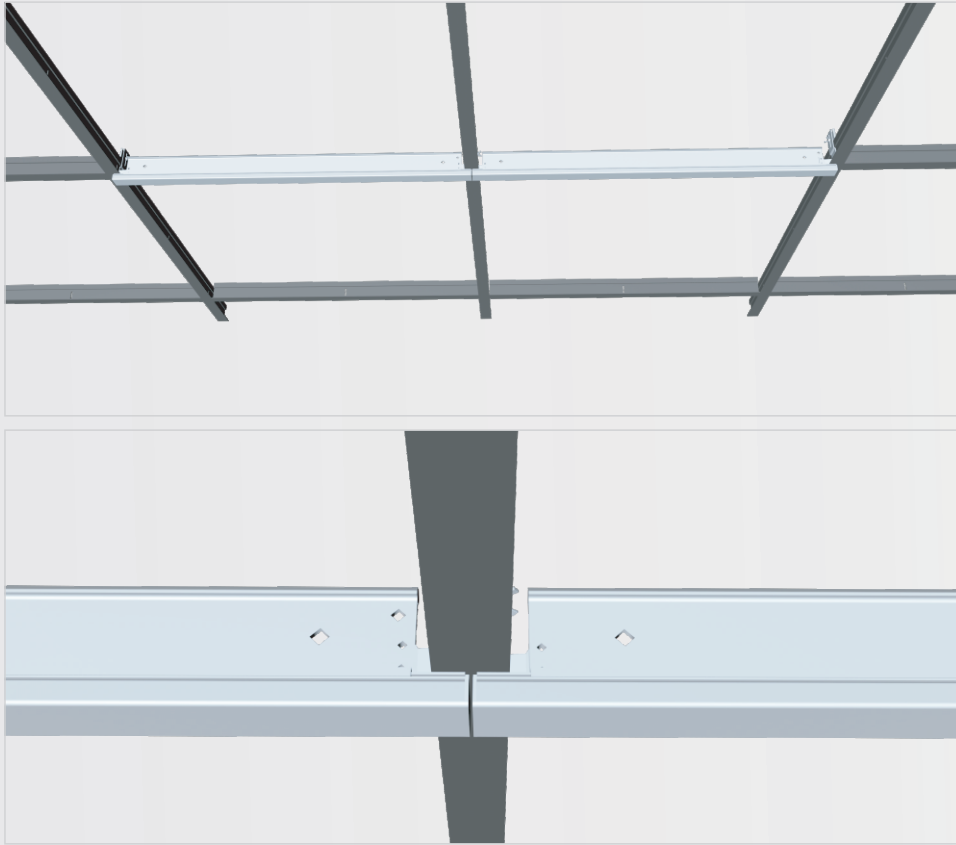
LED linear lights offer lighting designers more freedom to design since the LED module can follow the ceiling elements in many different ways both across as well as lengthways.

T-GRID LED

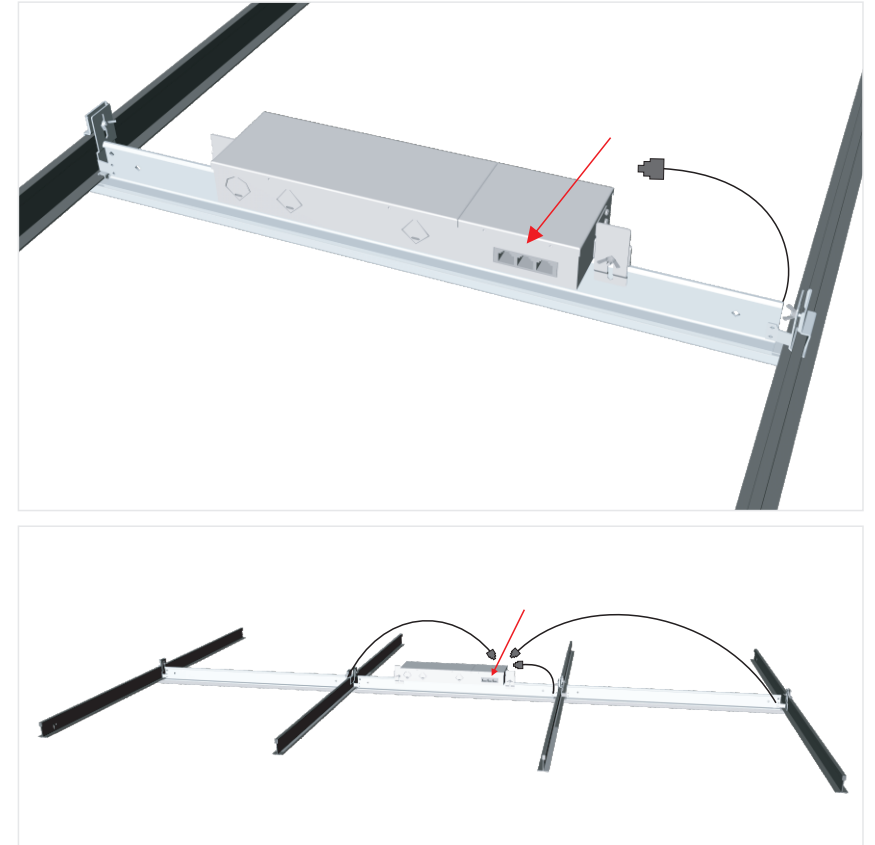
LINEAR LIGHTS



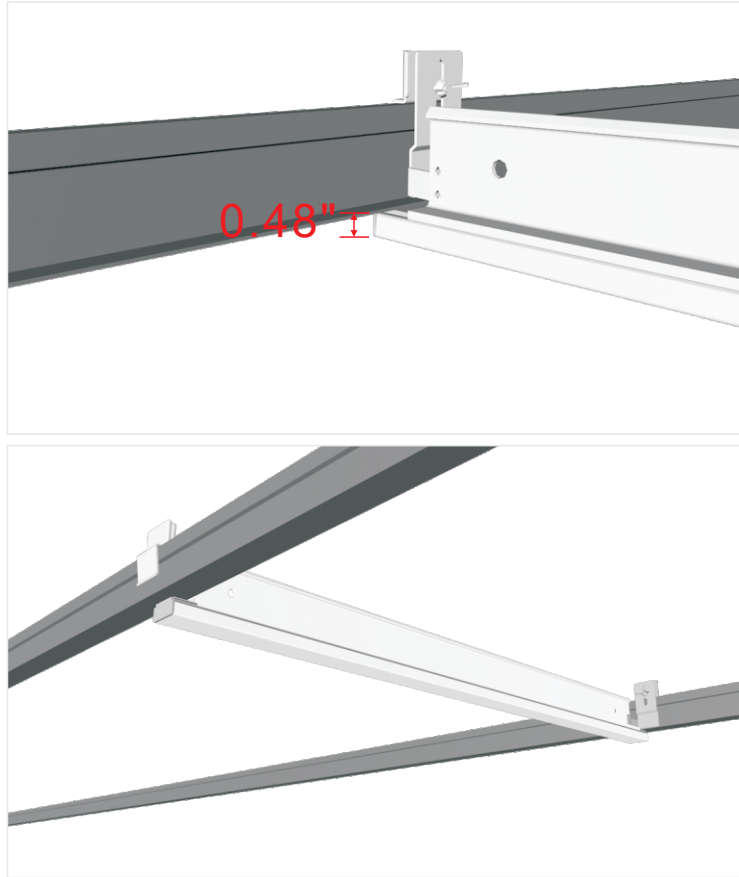
- Seamless continuous runs



- Remote driver, save your labor cost

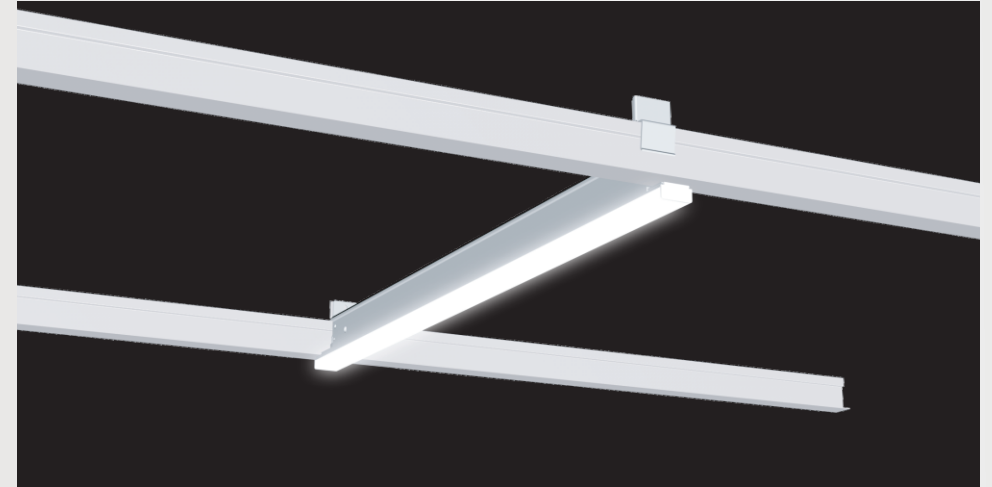


- Only 0.48" thickness, It is almost integrated with the T-Grid



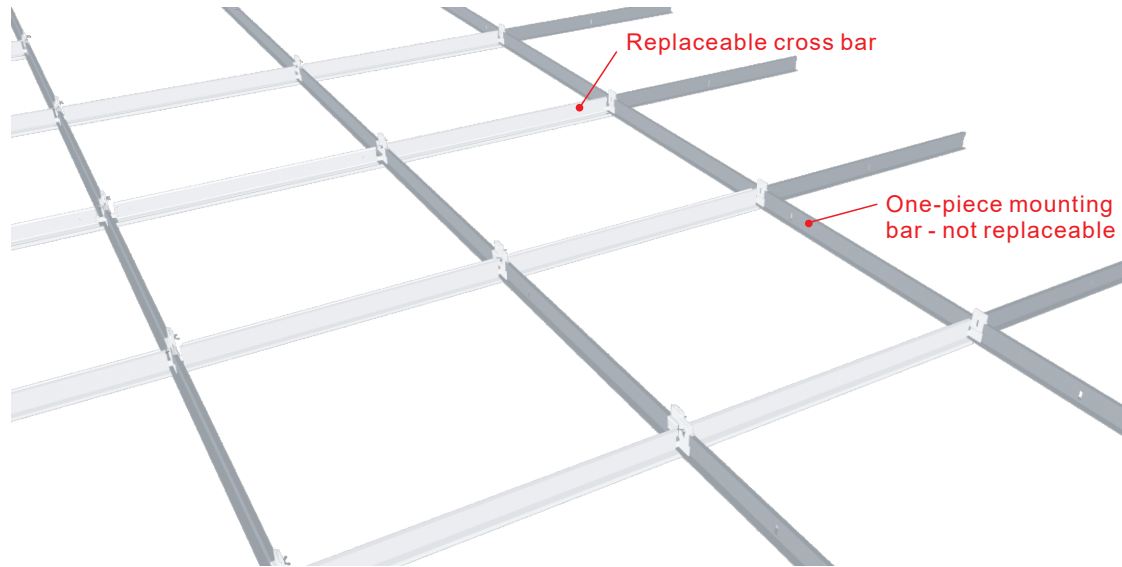
- >130LM/W with big beam angle:

Unique combination of direct and indirect illumination, enlarging the lumen spreadover the entire space, Make for glare-free and uniform distribution of light



- **Mounting:**

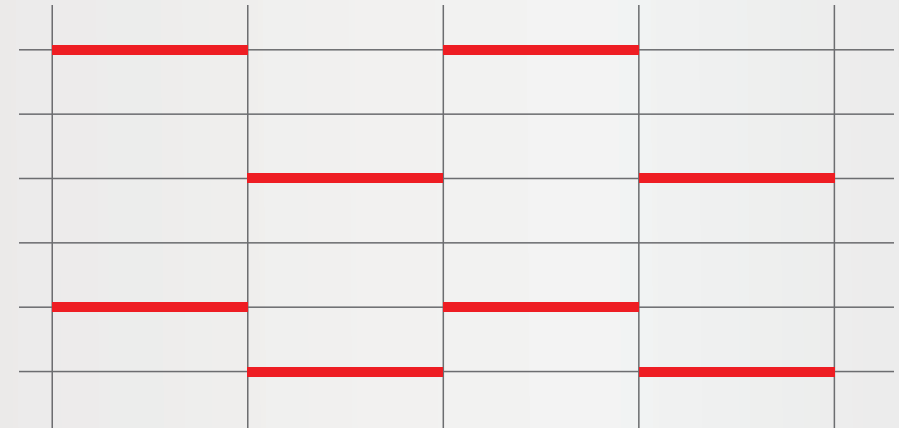
Fully and seamlessly integrated or retrofit into standard 15/16"、9/16" T-Grid of suspended ceiling. replace selected cross tees of the grid ceiling suspension system where light is desired



- **Flexible general lighting solution**

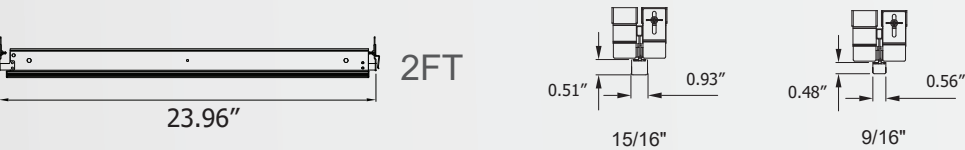
Considering different dimension and functions of a room, the linear light will at any point provide the desired light level. Your room no longer has to be ruled by a single fixture in the ceiling.

offer lighting designers more freedom to design since the led module can follow the ceiling elements in many different ways both across as well as lengthways.



TB2-DM-XXX

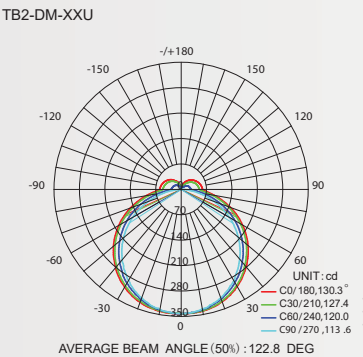
Efficacy	130LPW
Luminous Flux	1300lm
Input Power	10 Watts
CRI	Ra>80
DLC CCT	3500K/4000K/5000K
Input Voltage	100-277 VAC
Dimension	15/16" 2FT, 9/16" 2FT
Beam Angle	120°
Driver	1 For 3
Standard Warranty	5 Years
Standard Lifetime	Designed to L70 minimum 50,000 hours
Dimming	0-10V dimming
Signal Current	<2mA
Recommended Dimmers	DIVA-DVTV(LUTRON), NOVA-NTSTV-TV



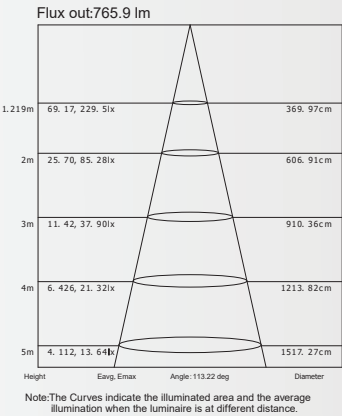
Photometry

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

Luminous Intensity Distribution Diagram



Average Illuminance Curve



Zonal Flux Diagram

T	C0	C45	C90	C135	C180	C225	c270	c315
10	340.3	337.3	334.0	337.2	341.2	338.4	336.3	338.8
20	329.2	324.4	317.8	325.0	330.3	326.2	318.1	325.3
30	308.7	301.0	290.3	302.5	311.7	303.5	290.0	302.8
40	278.2	268.4	250.9	269.5	281.1	270.2	252.8	269.6
50	240.1	227.6	205.6	229.0	243.5	230.2	206.5	229.6
60	194.5	180.3	153.2	182.8	198.7	182.8	154.6	182.4
70	143.7	127.4	96.49	130.0	148.6	129.9	96.09	128.9
80	91.91	73.78	38.68	76.83	96.57	76.27	38.26	74.64
90	59.16	40.08	3.115	41.60	59.70	40.68	3.064	40.96
DEG	LUMINOUS INTENSITY:cd							

Zonal Lumen Summary

T	Φ zone	Φ total	lum. lamp
0-10	32.45	32.45	2.5,2.47
10-20	93.95	126.4	9.74,9.61
20-30	144.8	271.2	20.9,20.6
30-40	178.8	450.0	34.7,34.2
40-50	191.6	641.7	49.4,48.8
50-60	182.3	823.9	63.5,62.6
60-70	151.4	975.3	75.1,74.1
70-80	103.9	1079	83.1,82
80-90	55.27	1134	87.4,86.2
UNIT:lm			

Coefficients Of Utilization

ppc	50%	80%	10%	50%	70%	10%	50%	50%	10%	50%	30%	10%	50%	10%	10%	0
pw	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	0
p/c	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio			(CU)												
0.0	115	115	115	110	110	110	103	103	103	96	96	96	89	89	89	86
1.0	98	93	89	94	90	86	88	84	81	82	79	77	76	74	72	69
2.0	84	77	71	81	75	69	76	70	66	71	66	62	66	62	59	56
3.0	74	65	58	71	63	57	66	60	54	62	56	52	58	53	50	47
4.0	65	56	49	63	54	48	59	52	46	55	49	44	51	46	42	39
5.0	58	49	42	56	47	41	52	45	39	49	43	38	46	41	36	34
6.0	52	43	36	50	42	36	47	40	34	44	38	33	41	36	32	29
7.0	47	38	32	45	37	31	43	35	30	40	34	29	38	32	28	26
8.0	42	34	28	41	33	28	39	32	27	37	30	26	35	29	25	23
9.0	39	31	25	38	30	25	36	29	24	34	28	23	32	26	22	21
10.0	36	28	23	35	27	22	33	26	22	31	25	21	30	24	20	19



TB4-DM-XXX

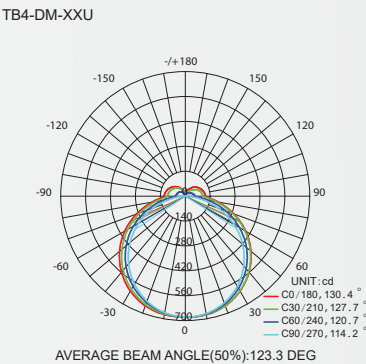
Efficacy	130LPW
Luminous Flux	2600lm
Input Power	20 Watts
CRI	Ra>80
DLC CCT	3500K/4000K/5000K
Input Voltage	100-277 VAC
Dimension	15/16" 4FT, 9/16" 4FT
Beam Angle	120°
Driver	1 For 3
Standard Warranty	5 Years
Standard Lifetime	Designed to L70 minimum 50,000 hours
Dimming	0-10V dimming
Signal Current	<2mA
Recommended Dimmers	DIVA-DVTV(LUTRON), NOVA-NTSTV-TV



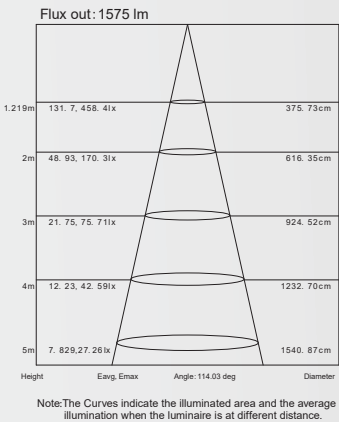
Photometry

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

Luminous Intensity Distribution Diagram



Average Illuminance Curve



Zonal Flux Diagram

T	C0	C45	C90	C135	C180	C225	c270	c315
10	676.7	674.4	669.6	673.6	676.5	670.0	665.4	671.4
20	657.0	651.7	638.6	649.3	656.6	642.9	629.0	645.1
30	616.3	607.6	584.6	605.3	616.7	596.0	571.5	599.3
40	556.9	545.3	512.3	542.3	558.1	531.6	496.5	535.3
50	482.3		420.7	461.7	482.6	451.1	405.7	455.5
60	391.8	370.4	315.2	366.0	393.6	356.4	301.2	362.0
70	290.4	263.6	197.4	259.2	292.0	250.4	185.5	256.4
80	186.4	153.7	76.81	150.7	187.9	145.4	71.93	150.4
90	115.3	80.55	4.205	83.72	120.4	80.27	3.233	78.81
DEG	LUMINOUS INTENSITY:cd							

Zonal Lumen Summary

T	Φ zone	Φ total	lum. lamp
0-10	64.54	64.54	2.5,2.64
10-20	186.9	251.5	9.73,10.3
20-30	288.5	539.9	20.9,22.1
30-40	356.6	896.5	34.7,36.6
40-50	383.0	1280	49.5,52.3
50-60	364.5	1644	63.6,67.2
60-70	302.4	1946	75.3,79.5
70-80	206.8	2153	83.3,88
80-90	109.3	2262	87.6,92.5
	UNIT:lm		

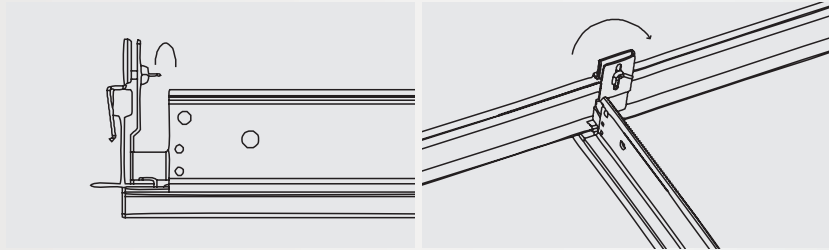
Coefficients Of Utilization

ppc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p/c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						(CU)									
0.0	115	115	115	110	110	110	103	103	103	96	96	96	89	89	89	86
1.0	98	93	89	94	90	86	88	84	81	82	79	77	76	74	72	69
2.0	84	77	71	81	75	69	76	70	66	71	66	62	66	62	59	56
3.0	74	65	58	71	63	57	66	60	54	62	56	52	58	53	50	47
4.0	65	56	49	63	54	48	59	52	46	55	49	44	51	46	42	39
5.0	58	49	42	56	47	41	52	45	39	49	43	38	46	41	36	34
6.0	52	43	36	50	42	36	47	40	34	44	38	33	41	36	32	29
7.0	47	38	32	45	37	31	43	35	30	40	34	29	38	32	28	26
8.0	42	34	28	41	33	28	39	32	27	37	30	26	35	29	25	23
9.0	39	31	25	38	30	25	36	29	24	34	28	23	32	26	22	21
10.0	36	28	23	35	27	22	33	26	22	31	25	21	30	24	20	19

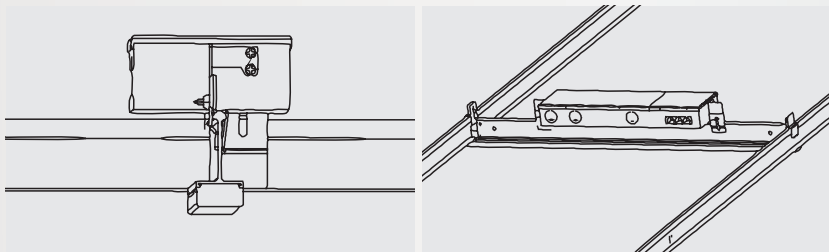


Installation Instructions

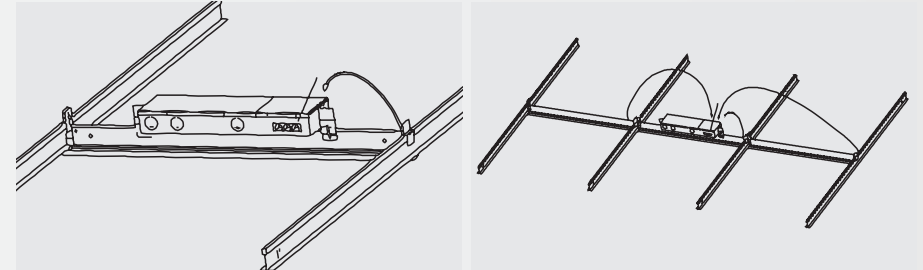
- Turn off the power and install the linear light to the ceiling grid, then tighten the two ends units.



- Secure the junction box to the linear light and tighten the two end nuts.



- Connect the linear light unit to the output connector of junction box. One driver can support max 3 units.



- Open the Junction box and wiring.

