

**Product Features**

Grid Series - Architectural Flat T-Grid Linear fixture completely transform the monotonous grid ceiling into a contemporary lighting application. Luminaire available in 2FT and 4FT section with a width of 9/16" and 15/16", suitable for flat T-Grid application. Luminaire available with 3500K or 4000K CCT, remote driver attached above T-Grid. Made from from aluminum extruded profile; standard milky lens for maximum visual comfort. >80CRI; >50000 hours; IC rated; cULus for damp location, DLC listed; CCEA listed.

**Technical Specifications**

INPUT VOLTAGE	AC120-277V
FREQUENCY	50/60hz
LUMEN	1300 / 2600
WATTAGE	10 / 20
LPW	117 ~ 130
COLOR TEMPERATURE	3500K, 4000K
COLOR RENDERING INDEX	>80
DISTRIBUTION	120°
IP RATING	Damp Location
LIFE SPAN	>50,000 Hours
DIMMING	0-10v Dimming



## GRID SERIES | ARCHITECTURAL FLAT T-GRID LINEAR

### SUBMITTAL WORKSHEET

Order Code Example: LUMINAIRE

GD                    - L2F                    - 35                    - 916ML  
 A                    B                    C                    D

Order Code Example: POWER

DRIVER-GD-30   - EMB-H08170  
 E                    F

#### A SERIES (CHOOSE ONE)

GD                    Architectural T-Grid Linear  
 GD-CCEA            Architectural T-Grid Linear - Plenum CCEA Compliant - **Made to Order**

#### B LIGHT ENGINE (CHOOSE ONE)

CODE	POWER	TYPE	MOUNTING*	LUMEN
L2F <b>QS</b>	10W	2-FT	Flat T-Grid	1,300LM
L4F <b>QS</b>	20W	4-FT	Flat T-Grid	2,600LM

\*Interlude Grid Available, Consult Factory

#### C CCT (CHOOSE ONE)

35            **QS**            3500K  
 40            **QS**            4000K

#### D LENS (CHOOSE ONE)

916ML    **QS**            9/16" T-Grid Milky Lens 120° Beam Angle  
 1516ML   **QS**            15/16" T-Grid Milky Lens 120° Beam Angle

#### E POWER

DRIVER-GD-30    **QS**            30W Remote Mount 120-277V Input, 0-10V 10% Dimmable Driver (Up to 3 GD-L2 luminaire)  
 DRIVER-GD-30-1 **QS**            30W Remote Mount 120-277V Input, 0-10V 1% Dimmable Driver (Up to 3 GD-L2 luminaire)  
 DRIVER-GD-60    **QS**            60W Remote Mount 120-277V Input, 0-10V 10% Dimmable Driver (Up to 3 GD-L4 luminaire)  
 DRIVER-GD-60-1 **QS**            60W Remote Mount 120-277V Input, 0-10V 1% Dimmable Driver (Up to 3 GD-L4 luminaire)  
 CORD-GD-12      **QS**            12FT Extension Cable

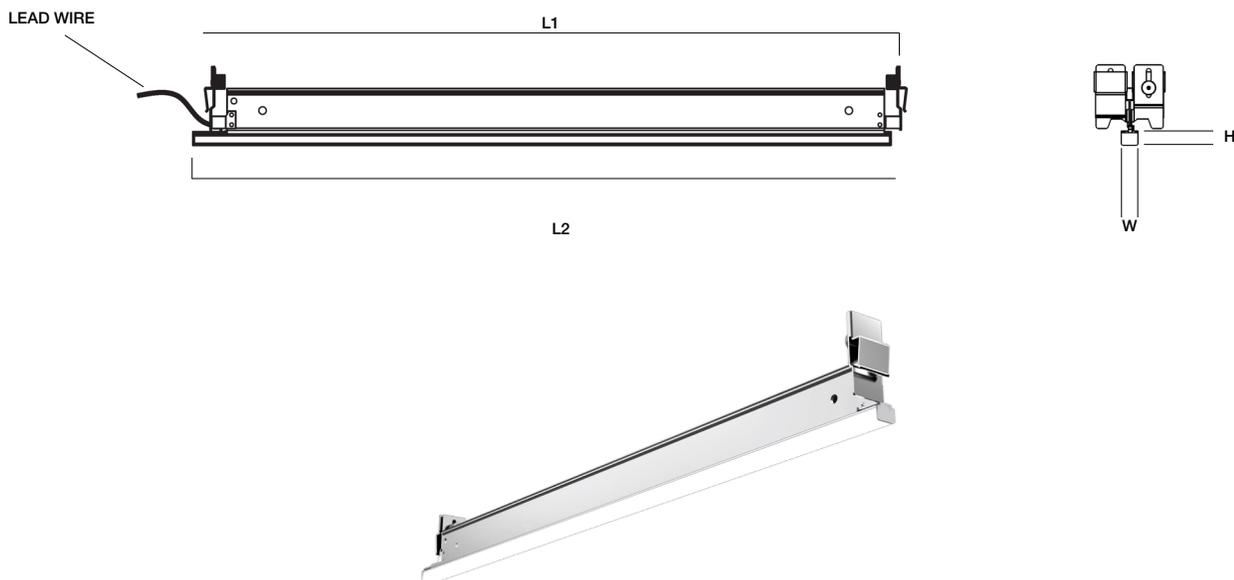
#### F EMERGENCY BATTERY (CHOOSE ONE)

EMB-H08170    **QS**            90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output  
 EMB-H18170    **QS**            90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

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### DIMENSIONS

LUMINAIRE CODE	L1	L2	W	H	LEAD WIRE
GD-L2F-XX-916ML	23.92"	23.98"	0.56"	0.48"	5FT
GD-L2F-XX-1516ML	23.92"	23.98"	0.95"	0.51"	5FT
GD-L4F-XX-916ML	47.92"	47.98"	0.56"	0.48"	5FT
GD-L4F-XX-1516ML	47.92"	47.98"	0.95"	0.51"	5FT



#### GD Luminaire Summary

**Power:** 2FT - 10W, 4FT - 20W

**Quality:** >80 CRI, 3-step SDCM

**CCT:** Static 3500K / 4000K

**Input:** 120~277V, 50/60Hz

**Dimming:** 0-10V Dimming, continuous dimming to 10% or 1% (depending on driver option)

**Dimmer:** Tested with Lutron Diva-DVTV, Leviton IP-710-DL

**Power Factor:** Greater than 0.9

**Ambient Operating Temperature:** 0C° to 40°C (32°F to 104°F)

**Lifetime:** 50,000 hours at 70% lumen maintenance

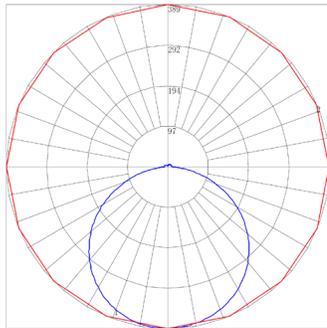
**Listing:** cULus, DLC, CCEA, IC Rated

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### PHOTOMETRIC

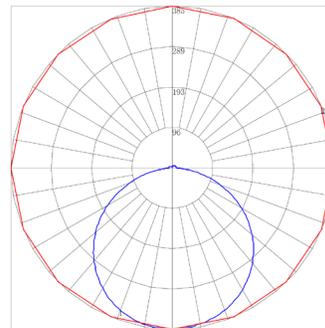
IES: GD-L2-35-916ML @ 10W 3500K

IES: GD-L2-35-1516ML @ 10W 3500K



Zone	Lumen	Luminaire%
0-30	307	24.20
0-40	507	40.00
0-60	914	72.00
0-90	1200	94.60
0-180	1268	100

Lumen: 1268  
 Input Watts: 10.89 W  
 Efficacy: 117 LPW  
 UGR: 29.7

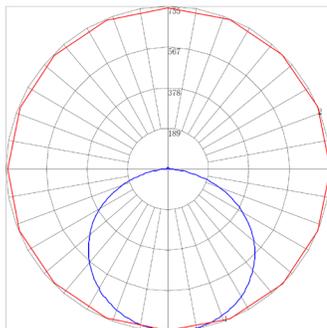


Zone	Lumen	Luminaire%
0-30	305	24.20
0-40	503	40.00
0-60	906	72.00
0-90	1190	94.60
0-180	1258	100

Lumen: 1258  
 Input Watts: 9.8 W  
 Efficacy: 128 LPW  
 UGR: 29.7

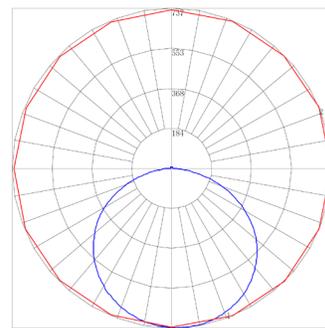
IES: GD-L4-35-916ML @ 20W 3500K

IES: GD-L4-35-1516ML @ 20W 3500K



Zone	Lumen	Luminaire%
0-30	600	23.10
0-40	998	38.40
0-60	1825	70.20
0-90	2443	94.00
0-180	2598	100

Lumen: 2598  
 Input Watts: 19.7 W  
 Efficacy: 132 LPW  
 UGR: 30.9



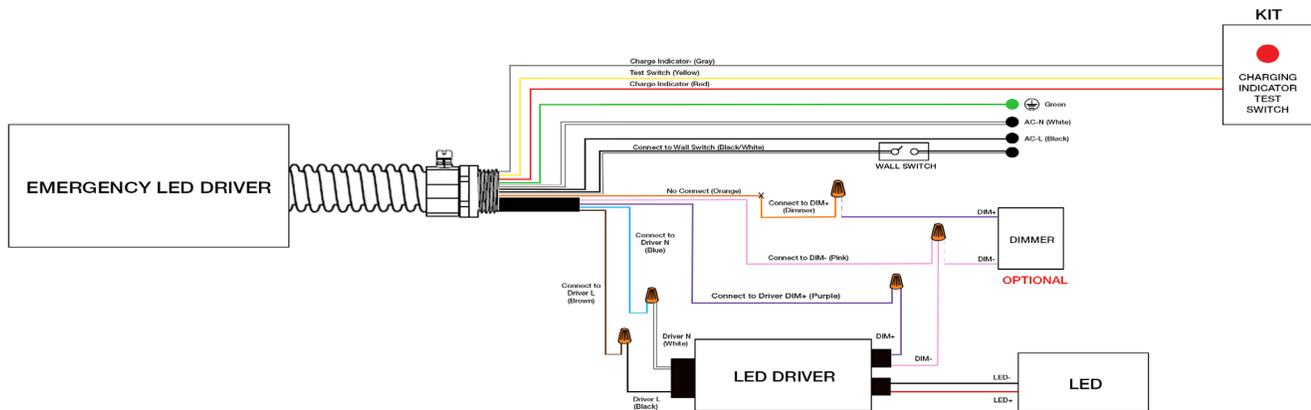
Zone	Lumen	Luminaire%
0-30	585	23.10
0-40	973	38.40
0-60	1779	70.20
0-90	2382	94.00
0-180	2533	100

Lumen: 2533  
 Input Watts: 19.7 W  
 Efficacy: 128 LPW  
 UGR: 30.8

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### EMB SPEC

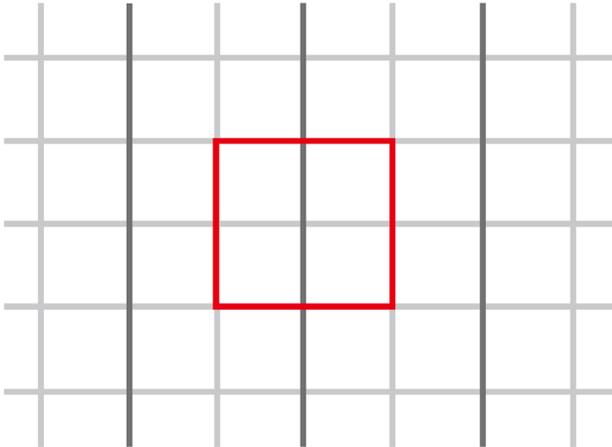
Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install



## GRID SERIES | ARCHITECTURAL FLAT T-GRID LINEAR

### INSTALLATION

The "□" shape installation steps:

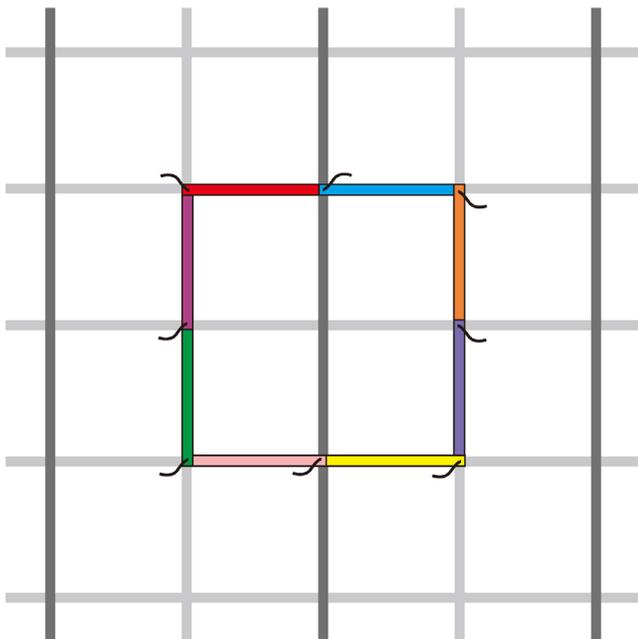


- Examples of configurations
- Possible positions for T-grid LED light modules
- One-piece main runner cannot be replaced

Remove cross tee from the drop ceiling according to desired shape

**DO NOT** replace Main Tee

Adjacent T-grid must be secured via ceiling suspension



Main Tee    Cross Tee    Main Tee    Cross Tee    Main Tee

Install sequence: A - B - A - B (as shown)

Minimum Grid Layout: 4FT x 4FT

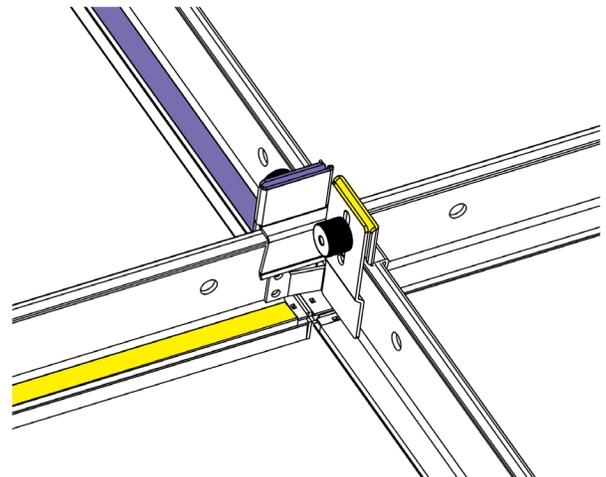


A-Point  
with Lead Wire

B-Point

A-Point with Lead Wire

B-Point is slight shorter than the luminaire bracket

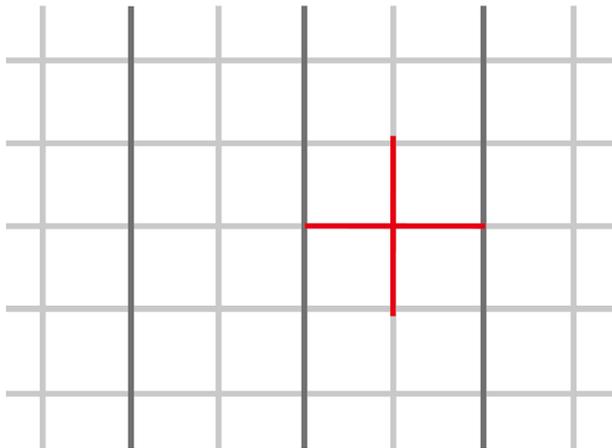


Properly adjust luminaire fitting, then tighten lock screws (both ends)

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### INSTALLATION

The " + " shape installation steps:

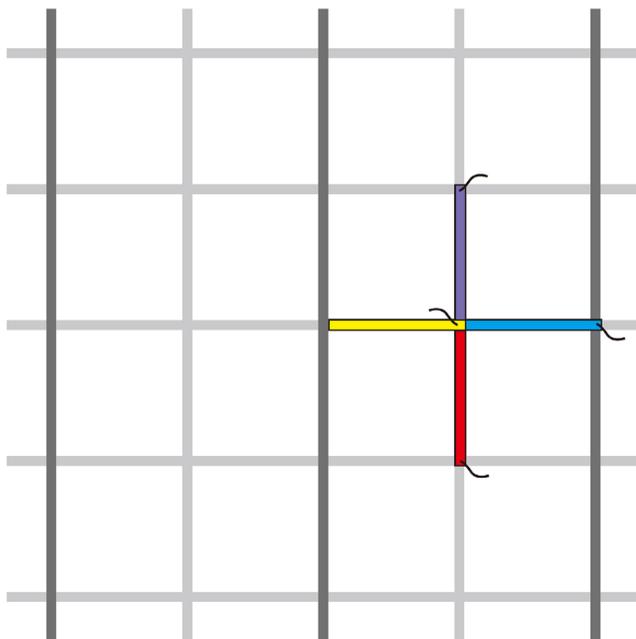


- Examples of configurations
- Possible positions for T-grid LED light modules
- One-piece main runner cannot be replaced

Remove cross tee from the drop ceiling according to desired shape

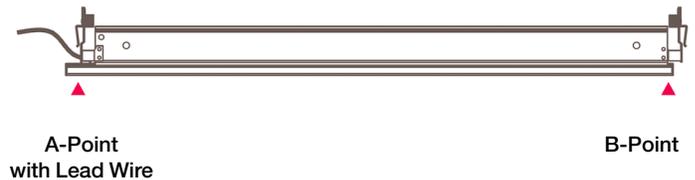
**DO NOT** replace Main Tee

Adjacent T-grid must be secured via ceiling suspension



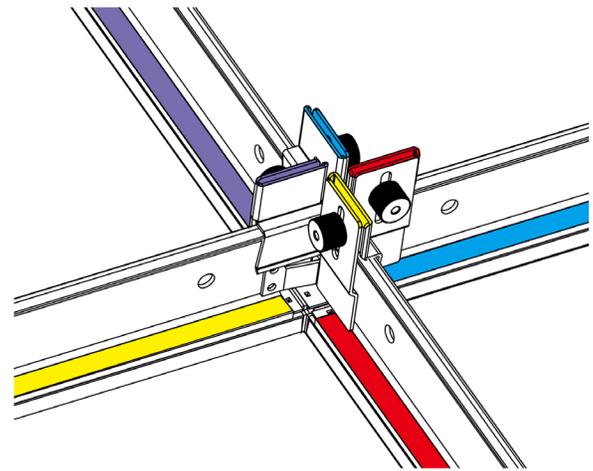
Main Tee    Cross Tee    Main Tee    Cross Tee    Main Tee

Install sequence: A - B - A - B (as shown)



**A-Point** with Lead Wire

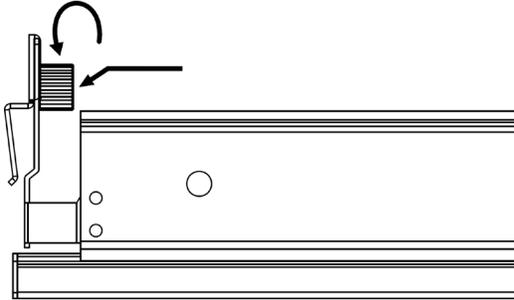
**B-Point** is slight shorter than the luminaire bracket



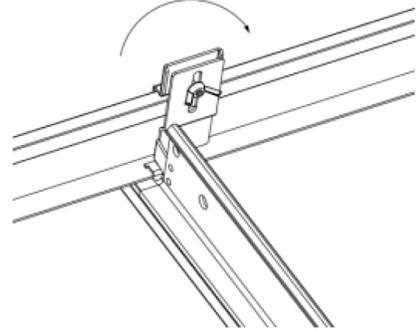
Properly adjust luminaire fitting, then tighten lock screws (both ends)

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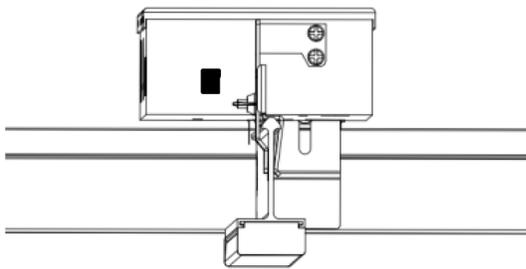
### INSTALLATION



Loosen T-Grid clip locknuts (both ends)



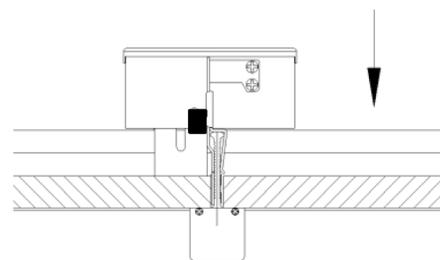
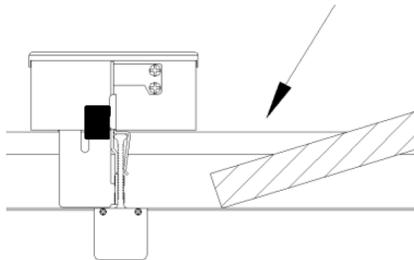
Install luminaire to grid and tighten the locknuts (both ends)



Secure driver enclosure onto T-Grid by tighten locknuts (both ends)



Connect luminaire lead wire by push into RJ45 jack (Max. 3 per driver)



Place ceiling tile to finish installation