

## VERSATILE T-BAR ARMSTRONG® DESIGNFLEX® FIXTURES

Featuring recessed GridFlex™ fixtures for seamless integrations into stylistic grid ceilings. Featuring a total fixture depth the thickness of the T-bar grid, GridFlex™ can fit into the tightest ceiling cavities. Pre-engineered patterns allow unlimited geometric patterns without cutting/modifying the T-bar grid. Linear slant fixtures allow additional visual patterns to lead the eye beyond typical closed shapes. The dropdown TW3 lens adds extra brightness to the ceiling.

## BENEFITS

- Create patterns of brightness within the design field.
- Accent and visually reinforce the ceiling grid, tile patterns or locations on the floor plan.
- Shallow housings allow placement anywhere a T-grid can fit.
- Shadow-free lens without pixels or lines.
- Visually comfortable patterns of light.

## EXAMPLE APPLICATIONS



GridFlex on Armstrong® Ceiling pattern.



GridFlex on Armstrong® Ceiling pattern.



GridFlex on Armstrong® Ceiling pattern.

## GridFlex™ INSTALLATION EXAMPLES

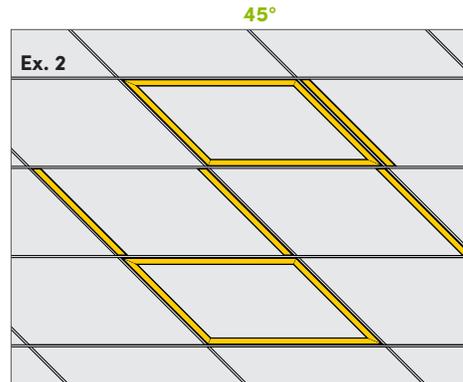
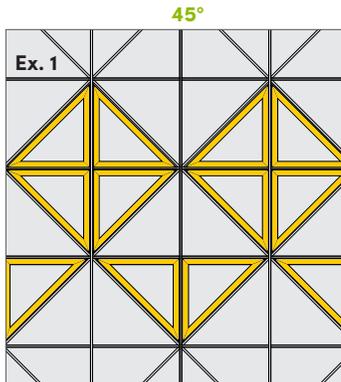
GridFlex shapes allow creation of large patterns. Fixtures can be located on each side of a T-grid or come together at a ceiling node and not interfere with each other. Larger 48Baseline fixtures shapes, ship as individual segments to be quickly joined together on site. Remote Power Supply Enclosure (PSE) may clip to grid or be surface mounted.

With Constant Current LEDs, lumen output can be specified for various lumen outputs to provide uniform lumens.

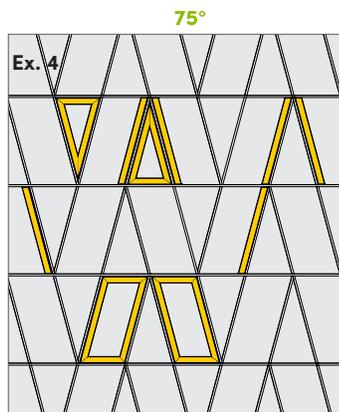
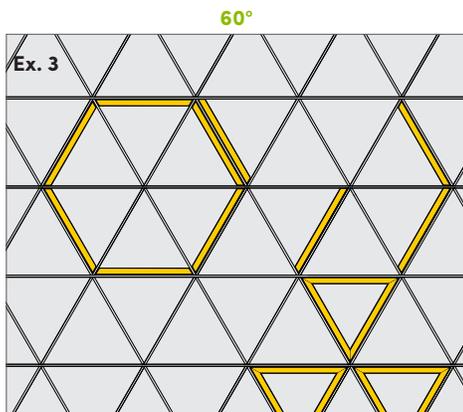
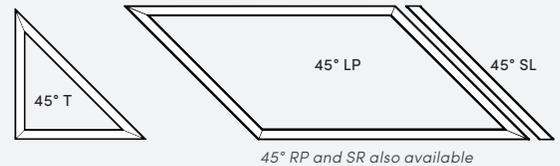
1. Armstrong® 24Baseline shown with xxx.
2. Armstrong® DesignFlex® xxxx shown with
3. Some shapes cross over T-bars. Chevrons ship out as 2 individual fixtures, Hex's ship

out as 6 individual fixtures. Individual CL2P cords (10ft std) are factory supplied from each unit to connect it to the remote power supply enclosure. Shown on an Armstrong® 60Degree 24Baseline.

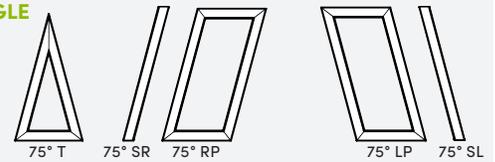
4. Armstrong® xxxxx



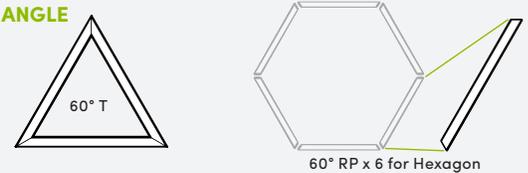
### 45° ANGLE



### 75° ANGLE

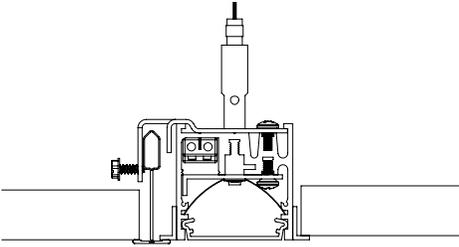


### 60° ANGLE

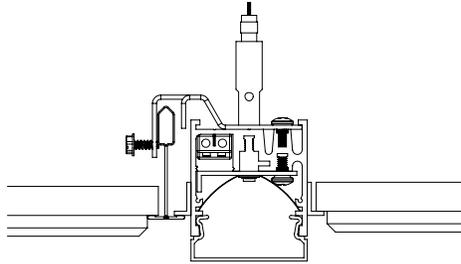




## CROSS SECTION 9F



## CROSS SECTION 9T WITH TW3 LENS



## ORDERING NOTES

- All products are viewed and ordered from Reflected Ceiling Plan. (hint: allow baseline grids to run horizontally when viewing for proper ordering of Right and Left parallelogram shapes or slants).
- Product ships with all required mounting brackets and hangers for standard Grid style installation.
- Hex and Chevron shapes consist of multiples of individual fixtures. For additional shapes not shown consult factory.

## ORDERING

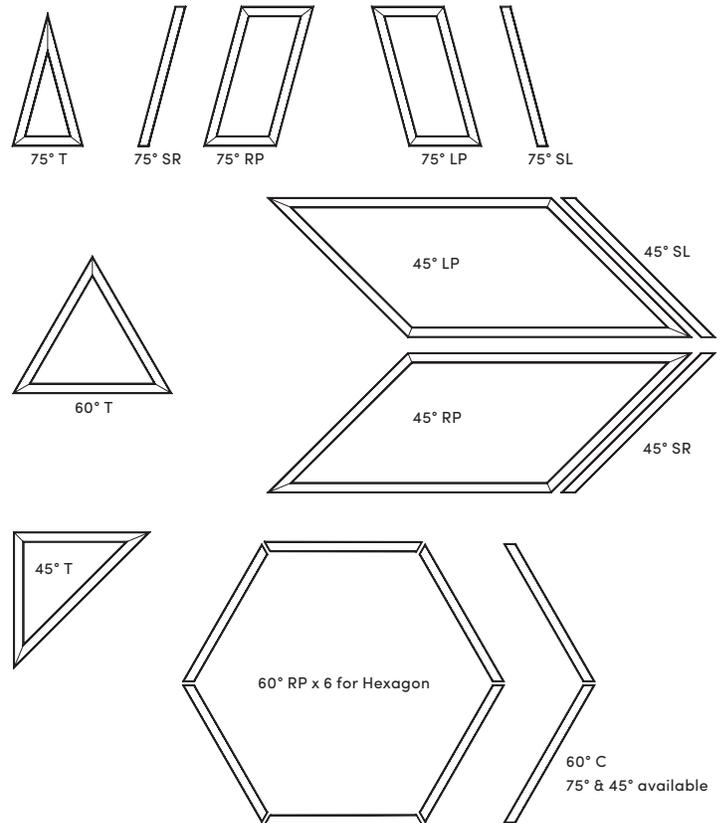
Sample Catalog Number: GFA15-80ACC-27-1-W-PoEMolex-9F-WH-CL2P20

SERIES	GRIDFLEX™ SHAPES	LAMPING / LED	COLOR™	WIRE HARNESS
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<b>GFA15</b>	<i>lumen data at 80CC35, (80w/ft, 3500K, 90+CRI) consult factory for others outputs</i>			
GridFlex 1.5" lens width	<b>75RP24</b> (62W,5180lm) 75° Right Parallelogram, 24" Base <b>75LP24</b> (62W,5180lm) 75° Left Parallelogram, 24" Base <b>75T24</b> (55W, 4625lm) 75° Triangle, 24" Base <b>75RP48</b> (110W, 9250lm) 75° Right Parallelogram, 48" Base <b>75LP48</b> (110W, 9250lm) 75° Left Parallelogram, 48" Base <b>75T48</b> (100W, 8400lm) 75° Triangle, 48" Base <b>75SR48</b> (38W, 3145lm) 75° Slant Right, 48" Base <b>75SL48</b> (38W, 3145lm) 75° Slant Left, 48" Base <b>75C24</b> 75° Chevron, 24" Base <b>75C48</b> 75° Chevron, 48" Base	<b>_ACC**</b> Constant Current LED Up to 8.0w/ft (up to 791lu/ft) **Available in GF15 series only	<b>27</b> 2700K, 90+ CRI <b>30</b> 3000K, 90+ CRI <b>40</b> 4000K, 90+ CRI <b>TW27/40</b> Turnable 90+ CRI <i>Consult for other colors or warm dim</i>	<b>1</b> Single

## 24" & 48" ARMSTRONG® DESIGNFLEX® SHAPES

Only 24Baseline products shown, 48Baseline available.



## NOTES

- Patterns are viewed from RCP position.
- lumen data at 80CC35, (80w/ft, 3500K, 90+CRI) consult factory for others outputs.
- Chevron (C) ships as 2 housings.
- Hexagon (H) ships as 6 housings.

LENS	DRIVER	FLANGE LIP	COLOR	OPTIONS
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<b>W</b> White Flush	<b>R</b> Remote	<b>9F</b> 9/16" Flush Flange	<b>WH</b> White	<b>CL2Pxx</b> Longer length CL2P feed cable (std is 10')
<b>TW3</b> 3/8" Tall White caps & side lips	<b>PoE</b> PoE (by others) Igor (NP60) Molex (CoreSync) Wtec (Smart engine)	<b>9T</b> 9/16" Tegular Flange	<b>BL</b> Black	<b>EM</b> Feed cable labeled for connection to EM circuit
	<i>Driver options on next page.</i>		<b>C</b> Custom <i>(Add E if entire fixture needs color i.e. BZE)</i>	<b>EME</b> Entire fixture connects to Emergency circuit



## POWER SUPPLY ENCLOSURES

- Remote mounted Power Supply Enclosures (PSE) contain up to (3) 24vdc Constant Voltage (CV) or Constant Current (CC) Drivers for simple Class 2 installations.
- Class 2P cable comes attached to the fixture, which is routed to the remote PSE.
- CC Drivers are programmed at the factory. For specific lumen output and system wattage to fit your project needs, contact your Dado representative or the factory.
- May be surface mounted, recessed in 2x4 walls, located above accessible ceilings, or clipped to grid structure.
- Standard PSE is die formed 16ga CRS with White painted after fabrication finish.
- PSE A & C Enclosures are die formed 16ga aluminum, natural finish. PSE C includes caddy clips for T-bar mounting.

- Rated to damp location use, Non-IC installations. Consult factory for IC installations.
- All drivers are short circuit and overload protected.
- Listed for 90C conductors with 1/2" trade size knock outs.
- All drivers Cass A sound rated.
- All drivers are 120V thru 277V, 50/60Hz except for LUT-LTE which is 120V only. Other world voltages available, consult factory for lead time.
- Dado Lighting ships a wide variety of 3rd party drivers, including Meanwell, ERG, Xitanium, GRE, LTF, ELDO and Lutron. Consult factory for additional drivers for specific project needs.

## POWER SUPPLY OPTIONS

Sample Catalog Number: R-X-DALI-X-[blank]

DRIVER	QTY	CONTROL TYPE	WATTAGE	PSE STYLE*	DIMMING LEVEL	LINKS
<b>R</b>	<b>X</b> <i>(factory determined)</i>		<b>X</b> <i>(factory determined)</i>	<b>X</b> <i>(factory determined)</i>	<i>Dimming level percentage</i>	<i>Wiring Diagrams &amp; additional info</i>
<b>R (Remote)</b>	<b>X</b>		<b>X</b>	<b>X</b>		
	(1, 2)	<b>D010-xxmA</b>	(100)	(Std, A, C)	1.0%	<a href="#">Link</a>
	(1, 2)	<b>DALI</b>	(100)	(Std)	0.1%	<a href="#">Link</a>
	(1, 2)	<b>TW</b>	(100)	(Std)	1.0%	<a href="#">Link</a>
	(1, 2)	<b>LUT-LDE</b>	(40)	(Std, A, C)	1.0%	<a href="#">Link</a>
	(1, 2)	<b>LUT-TW</b>	(50)	(Std, A, C)	0.1%	<a href="#">Link</a>
	(1, 2)	<b>ELDO-TW</b>	(100, MC)	(Std, C)	0.1%	<a href="#">Link</a>
	(1, 2)	<b>ELDO-DALI</b>	(100, MC)	(Std, C)	0.1%	<a href="#">Link</a>
	(1, 2)	<b>ELDO010</b>	(100, MC)	(Std, C)	0.1%	<a href="#">Link</a>

\* leave blank for Std or enter a PSC letter, Ex. "C".

## DRIVER NOTES

**D010-xxmA** Dimming Electronic drivers - Input 120V thru 277V, 50/60Hz. 0-10v Dimming or on/off switching. Constant Current version to dim to 1% without flicker. xxMa determined by factory to achieve the specified W/ft. Up to 100W for class 2 applications.

**DALI** Digital Addressable Lighting Interface, DALI 2 protocol. Single channel, Linear dimming 100%-0% 1Khz PWM dimming, 255 levels. 97% efficiency, Input 120V thru 277V, 50/60Hz, auto recovery mode.

**TW** Tunable White Module - (2)Ch 0-10Vdc controllers (by others) for independent color temperature and brightness control. Can also be used for warm dim with color temperature selection of 2200K-3000K. Input 120V thru 277V, 50/60Hz.

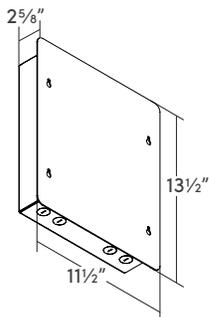
**LUT-LDE** Lutron Hi-Lume Dims to 1% SOFTB with EcoSystem. Input 120V thru 277V, 50/60Hz. Available wattage 40W.

**LUT-TW** LutronTunable White T series (PSQ), Dims to 0.1% with T series Node. (2) Channels. Input 120V thru 277V, 50/60Hz. Available wattage 50W.

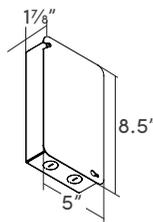
**ELDO-TW** Eldo Dual Drive with Lightshape technology Dims to 0.1%. (2) Channel DALI-2. For intensity and color temperature control. Input 120V thru 277V, 50/60Hz. Available wattage 100W. Consult factory for 0-10V option.

**ELDO-DALI** Eldo Drive Dims to Dark to 0.1%. DALI-2. Input 120V thru 277V, 50/60Hz. Available wattage up to 100W. Consult factory for DMX option. Consult factory for Multiple Control (MC) option of fixtures from one driver, reducing PSE based on selected lumen output.

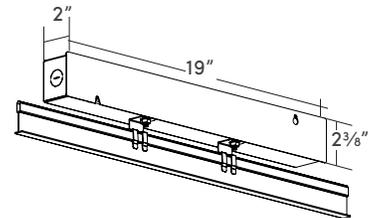
**ELDO010** Eldo Drive Dims to Dark to 0.1%. DALI-2. (1) channel control. Input 120V thru 277V, 50/60Hz. Available wattage up to 100W. Consult factory for Multiple Control (MC) option of fixtures from one driver, reducing PSE based on selected lumen output.



Standard (Blank)



Power Supply Enclosure Style A



Power Supply Enclosure Style C

