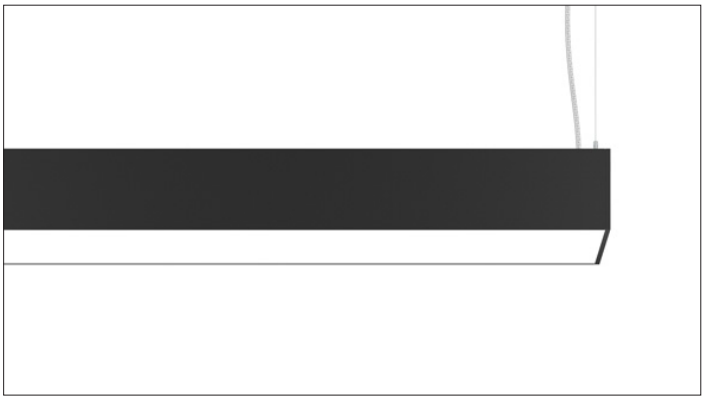
3G-4PLI-D

3.5" LINEAR PENDANT, DIRECT TUNABLE WHITE & RGBW



3.5" aperture with one piece extruded aluminum housing
Individual or continuous runs available in multiple run configurations
Direct distribution with multiple lumen output options
LED system with performance up to 147 lumens per watt
Extruded acrylic lens available in flush, 1" and 2" drop lens options
Asymmetric optics available
1% dimming standard with several integral driver options

3GT 3GB

ORDERING INFORMATION

PROJECT:		**TYPE:**	
CATALOG #:		**DATE:**	

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	VOLTAGE
3G-4PLI-D	**TW** - TUNABLE WHITE (2700K-6500K) **RGBW** - INFINITE COLOUR [1] (3500K WHITE)	**L250** - LOW OUTPUT (250 LM/FT) [2] **L500** - MEDIUM OUTPUT (500 LM/FT) **L750** - HIGH OUTPUT (750 LM/FT) **L1000** - VERY HIGH OUTPUT (1000 LM/FT) [3] **LC____** - CUSTOM OUTPUT (SPECIFY LM/FT)* *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000 Lumen outputs suitable for white LED source only	**S80** - 83+ CRI **H90** - 93+ CRI [1]	**UNV** - 120/277V

DRIVER	LENS OPTION	FINISH	CABLE LENGTH
D01 - 0-10V (100-0.1%) **DALI** - DALI (eldoLED, 100-1%) **DMX** - DMX (eldoLED, 100-0%) [1] **DHLT** - LUTRON T SERIES (100-1%) (2 CHANNEL TUNABLE WHITE)	**FL** - FLUSH **DD1** - 1" DROP LENS [4] **DD2** - 2" DROP LENS [4] **DASY** - ASYMMETRIC OPTIC [1]	**WH** - WHITE (STANDARD) **SV** - SILVER **BK** - BLACK All mounting canopies provided in white as standard	**60** - 60" (STANDARD) **120** - 120"

OPTIONS	LENGTH (FEET)
EMC - EMERGENCY CIRCUIT [5]	**S** - ____' (STRAIGHT RUN)* **L** - ____'X ____' (L-SHAPE) **U** - ____'X ____' X ____' (U-SHAPE) **R** - ____'X ____' (RECTANGLE/SQUARE) **T** - ____'X ____' (T-SHAPE) **X** - ____'X ____' (X-SHAPE) **CUS** - ____ (CUSTOM LAYOUT - PROVIDE DRAWING) *Individual units available from 2' to 8' Continuous runs available in 1' increments

1 RGBW LED source available with S80 (83 +CRI) and DMX driver option only. Not available with asymmetric optic or EM options
2 L250 (250LM/FT) not available in 2' and 3' lengths. Specify LC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required
3 L1000 (1000LM/FT) not available for H90 (93+ CRI)
4 DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only
5 EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

3GT - Tunable White
3GB - RGBW

JANUARY 4, 2024

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5 YEAR LIMITED WARRANTY

3G-4PLI-D

3.5" LINEAR PENDANT, DIRECT
TUNABLE WHITE & RGBW

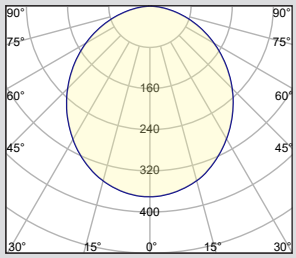
PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	1.9	126
	500	3.8	121
	750	5.8	119
	1000	8.0	118
3500K	250	1.9	135
	500	3.8	130
	750	5.8	127
	1000	8.0	123
6500K	250	1.9	147
	500	3.8	145
	750	5.8	138
	1000	8.0	132

EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier
	93+	0.88

PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

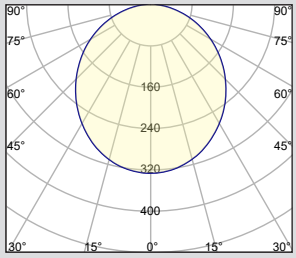
FL - FLUSH



3G-4PLI-D-TW-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 3.8W/FT (15.2W)
EFFICACY: 130LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH

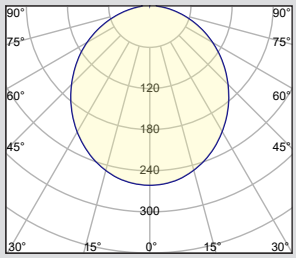
DD1 - 1" DROP LENS



3G-4PLI-D-TW-L500-S80-DD1

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 3.8W/FT (15.2W)
EFFICACY: 132LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 1" DROP

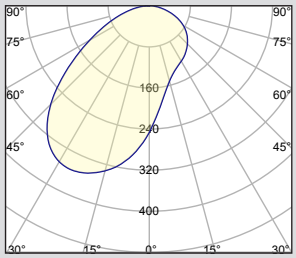
DD2 - 2" DROP LENS



3G-4PLI-D-TW-L500-S80-DD2

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 3.8W/FT (15.2W)
EFFICACY: 137LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 2" DROP

DASY - ASYMMETRIC OPTIC



3G-4PLI-D-TW-L500-S80-DASY

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 3.8W/FT (15.2W)
EFFICACY: 125LPW
CRI: 83+
CCT: 3500K
LENS OPTION: ASYMMETRIC

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3G-4PLI-D

3.5" LINEAR PENDANT, DIRECT
TUNABLE WHITE & RGBW

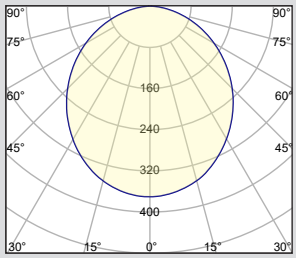
PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH AND 83+ CRI AND 3500K SOURCE)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	2.2	119
	500	4.6	113
	750	7.8	96
	1000	11.3	89

LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)
	RED	355 – 805
	GREEN	710 – 1400
	BLUE	140 – 355

PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

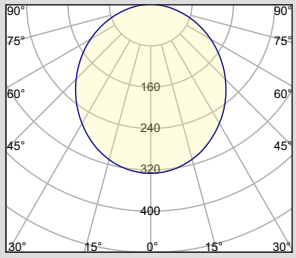
FL - FLUSH



3G-4PLI-D-RGBW-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.6W/FT (18.4W)
EFFICACY: 113LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH

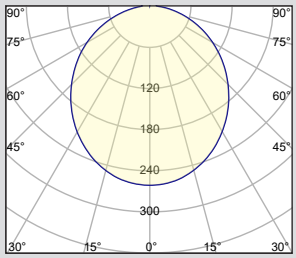
DD1 - 1" DROP LENS



3G-4PLI-D-RGBW-L500-S80-DD1

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.6W/FT (18.4W)
EFFICACY: 115LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 1" DROP

DD2 - 2" DROP LENS



3G-4PLI-D-RGBW-L500-S80-DD2

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.6W/FT (18.4W)
EFFICACY: 119LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 2" DROP

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3G-4PLI-D

3.5" LINEAR PENDANT, DIRECT
TUNABLE WHITE & RGBW

TECHNICAL

HOUSING

Extruded aluminum housing with 3.5" aperture
Machined aluminum end caps add 1/4" to each end of luminaire
Individual units and continuous runs available in 1' increments
24-gauge LED reflector with high reflectance white powder coated finish
Standard polyester powder coated matte white finish.
Optional finishes available

OPTICS

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8' continuous
Lens options include flush, 1" and 2" drops with illuminated end caps for all drop lenses
High performance asymmetric optics available

ELECTRICAL

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
Multiple driver options available for tunable white LED system
DMX driver option for RGBW system with RDM control and 100-0% dimming range
All drivers are integral and easily accessible through luminaire aperture

LED SYSTEM FOR TUNABLE WHITE (TW)

Proprietary LED system with color consistency <3 SDCM
2700K-6500K CCT range
Standard 83+CRI. Optional 93+CRI. (R9 value of 56 for 93+CRI)
L90 >60,000 hours
5 Year Warranty

LED SYSTEM FOR RGBW

Proprietary LED system with color consistency <3 SDCM
White LED available in 35K with 83+ CRI
L80 >72,000 hours
Red (335-805 mcd)
Green (710-1400 mcd)
Blue (140-355 mcd)
5 Year Warranty

MOUNTING

Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Adjustable aircraft cable suspension with locking fasteners (60" length standard)
Standard, 18-gauge, 5 conductor single circuit power feed (clear braided finish)
All mounting canopies provided in white finish as standard
Suitable for various architectural ceilings (see mounting details)
Fixture weight: +/- 3 lb/ft

LISTING

ETL listed and tested to cUL standards. Suitable for dry and damp locations

WARRANTY

5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

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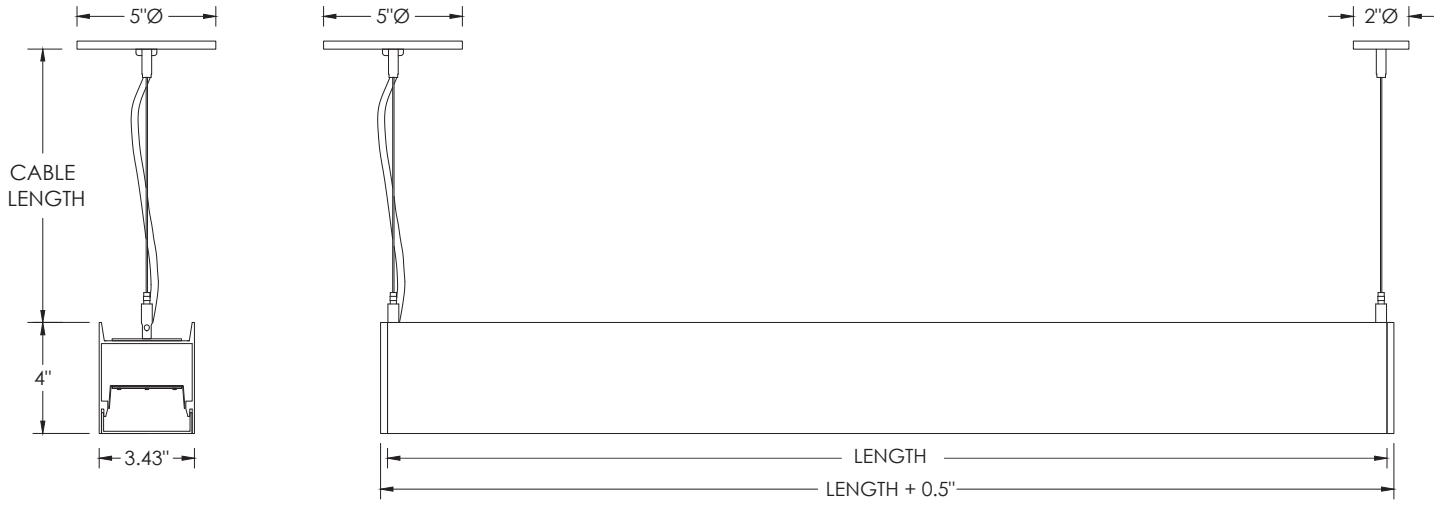
3G-4PLI-D

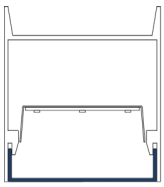
3.5" LINEAR PENDANT, DIRECT
TUNABLE WHITE & RGBW

DRAWINGS AND DIMENSIONS

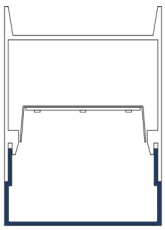


LENS OPTION

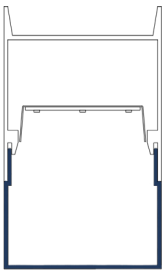
FL - FLUSH



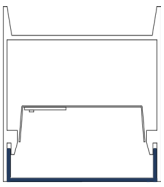
1"DROP



2"DROP

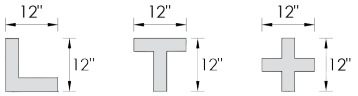


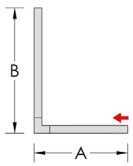
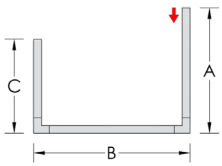
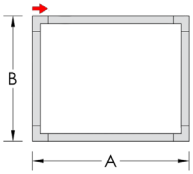
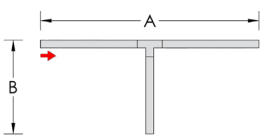
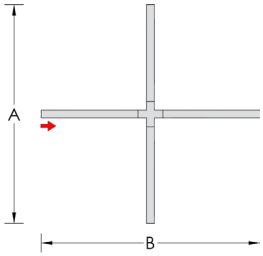
ASYMMETRIC



PATTERNS

Specify pattern shape and overall dimensions as shown below. Available in 1' increments only
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections



L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: **L** - 6'x8'	Provide dimensions of AxBxC Example: **U** - 8'x10'x6'	Provide dimensions of AxB Example: **R** - 10'x8'	Provide dimensions of AxB Example: **T** - 14'x6'	Provide dimensions of AxB Example: **X** - 14'x14'
				

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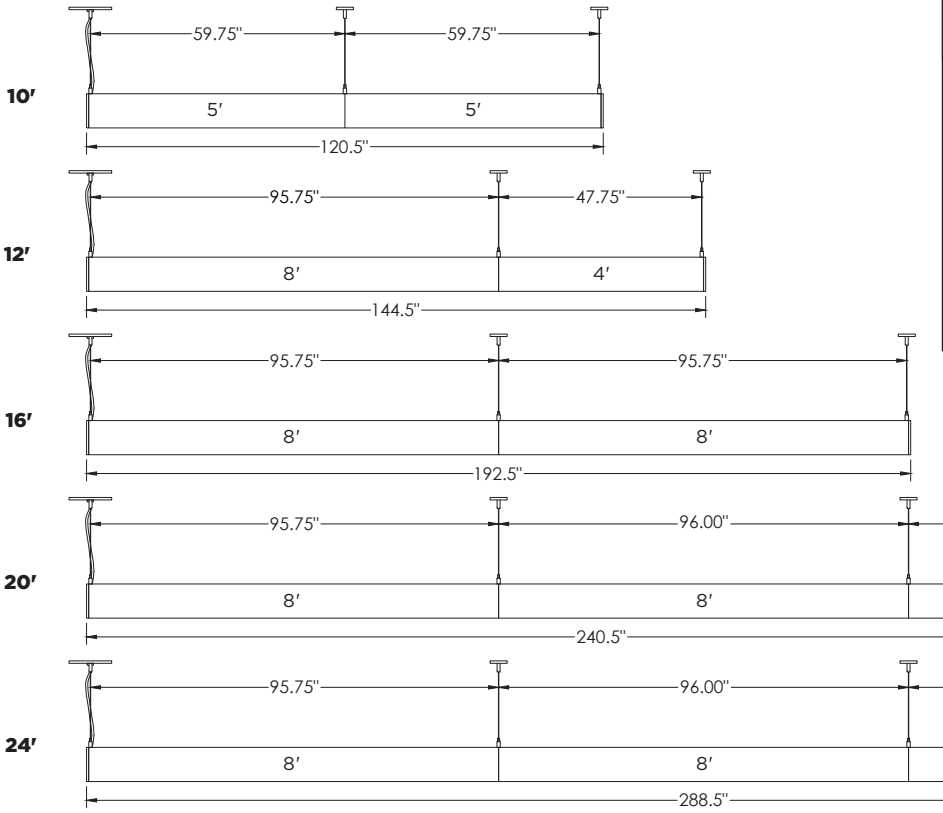
3G-4PLI-D

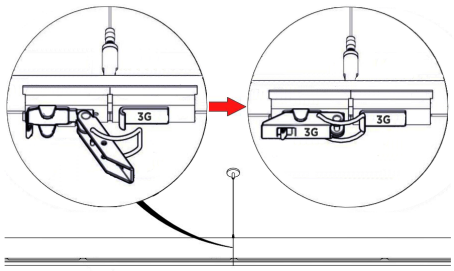
3.5" LINEAR PENDANT, DIRECT
TUNABLE WHITE & RGBW

TYPICAL SECTION MOUNTING (AVAILABLE IN 1' INCREMENTS AS STANDARD)



TOOLLESS INSTALLATION

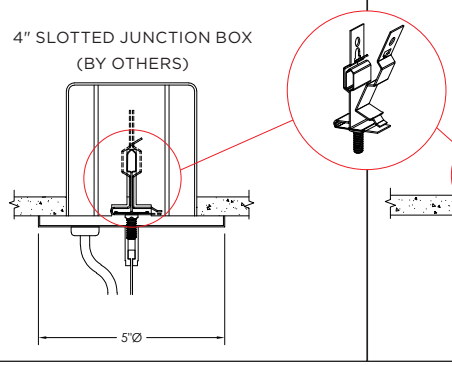
WITH 3G'S PROPRIETARY JOINER SYSTEM



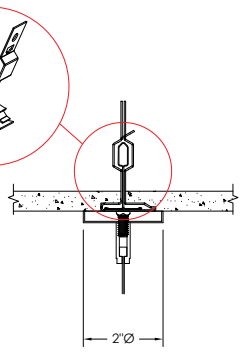
MOUNTING DETAILS

GRID POWER FEED

4" SLOTTED JUNCTION BOX
(BY OTHERS)

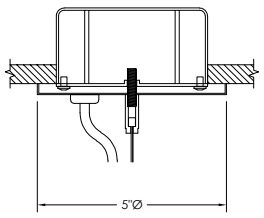


GRID NON POWER FEED

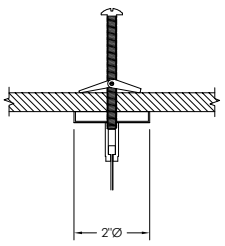


DRYWALL POWER FEED

OCTAGON JUNCTION BOX
(BY OTHERS)



DRYWALL NON POWER FEED



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