Spec Grade
PROlite LED Lighting™
A Division of Emergensee® Lighting, Inc.

Job Name:
Type:
Part #:
Notes:

PRONDO2

ARCHITECTURAL LINEAR

APPLICATION

The PRONDO is a featured Architectural Linear fixture. Housing is formed by extruded aluminum with a highly reflective die-formed white painted steel reflector. The click-in acrylic lens has a matte finish and a diffuser which is removable for maintenance. It is used for multiple applications such as commercial, general office, banking, retail and educational environments.

MOUNTING:

- Pendant.

LED:

- High quality array LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K), and tunable white -275 (2700~5000K)
- Color Rendering Index: > 80 (optional >90).
- Nominal Lamp Life: 100,000 hours.
- Reported L70 hours: +60,000 (55°C).

ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- 0-10V dimmable driver as standard.
- 0-10VDC dimming 1%~100%.
- Operating temperature: -4°F (-20°C) ~ 122°F (50°C).

FINISH:

- Standard powder-coat textured white painted inish on exposed trim, consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

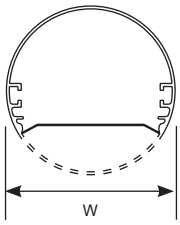
LISTING:

- UL / CUL listed.
- UL listed for dry & damp location.
- Assembled in USA (optional)
- 5 years limited warranty.
- RGB+W has 2 years limited warranty.
- 7 or 10 years limited warranty. (optional) [6]

SPECIFICATIONS:

Width: 2-1/2 Dia. (63)

All dimensions are in inches (millimeters).



ORDERING INFORMATION:

MODEL	ROW [1]		SECTION [2]		LED	
PRONDO2-IND (Individual Mount) **PRONDO2-CON** (Continuous Row Mount)	**xx**	Specify nominal overall row length in 1' increments (Continuous runs)	**2** **3** **4** **8** **X**	2' Length 3' Length 4' Length 8' Length [3] Custom Length [13]	**18L** **27L** **36L** **54L**	18W LED (734 lm/ft) 27W LED (924 lm/ft) 36W LED (991 lm/ft) 54W LED (1467 lm/ft) * Contact factory for custom wattage or lumen requirement.

COLOR TEMP.		CRI		ANGLE		MOUNTING		VOLTAGE	
-27K	2700K	**(Blank)**	80+ CRI	**(Blank)**	Down	**(Blank)**	Pendant	**UNV**	120-277V
-30K	3000K	**C9**	90+ CRI [9]	**45**	45°			**120**	120V
-35K	3500K			**90**	90°			**277**	277V
-40K	4000K			**135**	135°			**347**	347V [10]
-50K	5000K			**180**	180°				
-265K	Tunable white 2000-6500K [8, 14]								
-275K	Tunable white 2700-5000K [8, 14]								
-RGB+W	Lumenetix araya5 Tunnable Color 1650-8000K, Max. 10W/ft [11, 14]								

EM SECTION [4]		FINISH		CORD FINISH		CEILING TYPE		SUSPENSION LENGTH	
(Blank)	None EM	**(Blank)**	Matte White	**(Blank)**	White (Std.)	**X1**	T-bar ceiling	**AC48**	Adjustable Aircraft Cable Canopy 48"L
1SE	1 Section	**CC**	Custom Color	**BKC**	Black	**X2**	Hard ceiling	**AC96**	Adjustable Aircraft Cable Canopy 96"L
2SE	2 Section	**CSS**	Custom Canopy Color (White is Std.)			**X3**	Sloped Hard ceiling	**ST24**	Stem Canopy 24"L
xSE	x Section							**ST48**	Stem Canopy 48"L
									* Contact factory for custom length.

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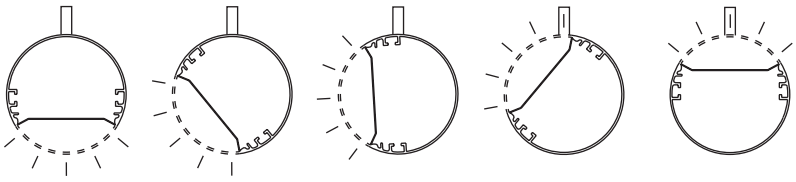
ORDERING INFORMATION CONTINUED:

LED DRIVER		OPTIONS	
(Blank)	0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously)	**EM-10LED**	Integrated 10W EM Battery Backup [12]
ES566	eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim	**GTD**	Bodine Generator Transfer Device
SD40	40% / 100% Bi-Level Step dim	**GTD10DIM**	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%)	**ARRA**	Assembled in USA for Buy American Act
PHSR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim.	**O7W**	Optional 7 Years Limited Warranty [5]
PHDL	Philips Xitanium DALI driver, Dim to 5%	**O10W**	Optional 10 Years Limited Warranty [5]
ED560	eldoLED LightShape DALI dim to dark, 0.1% ~ 100%	**AMS**	Occupancy Sensor w/ Daylight Harvesting [6]
MU050	0-10V dual channel, 0.1% ~ 100%	**DPMS**	Daylight Dimming Photo Sensor (0-10 VDC Control) [6]
TD30/70	30% / 70% / 100% Tri-Level Step dim	**LSR-301-S**	Setup Remote Control for DPMS
TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)	**LSR-301-P**	Occupant Remote Control for DPMS
LDE5	5-Series EcoSystem LED driver, 100% ~ 5% dim	**SO**	Dimming Wires connected to Sensor Only [7]
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	**LC**	Non-lit 90º coupling
ELV	ELV compatible (reverse-phase or trailing-edge)	**TC**	Non-lit T-shape coupling
TRIOT	Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface	**XC**	Non-lit X-shape coupling
DIMT	Tri-mode dimming (Triac, ELV, 0-10V)		
DMX	DMX512 control system (Only available with RGB+W option)		
DLM	Wattstopper's DLM interface (Only available with RGB+W option)		
LTEA2W	Hi-lume 1% 2-wire LED driver (120V forward phase only)		

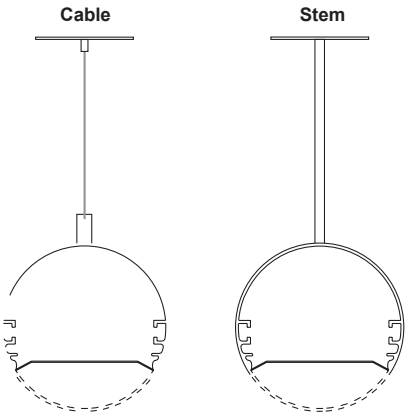
NOTES:
1. Specify only when Continuous Row Mount.
2. No need to select, if sames as row length and section length.
3. Comes with 1pc 8ft lens.
4. EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
5. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
6. The standard will be ON/OFF sensor with dimming wires provided for dimmer switch. For sensor dimming control, please select additional "SO" option.
7. Dimming wires provided and connected to sensor only, not for dimmer switch. (available with AMS and DPMS option)
8. Must be ordred with either ED560 or MU050 driver.
9. Lumen per watt is around 15% less than standard CRI (80+).
10. 347V cannot work with Emergency Battery Backup.
11. Refer to Table 2 to find more information.
12. Not available with 2ft configuration due to space limitations.
13. Certain restrictions apply such as wattage and length, please consult with the factory.
14. Custom products such as Tunable White and RGB+W are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages.

*Fixture can be customized: angle 45º, 90º, 135º, 180º (up light).
*Field adjustable using allen key (provided).

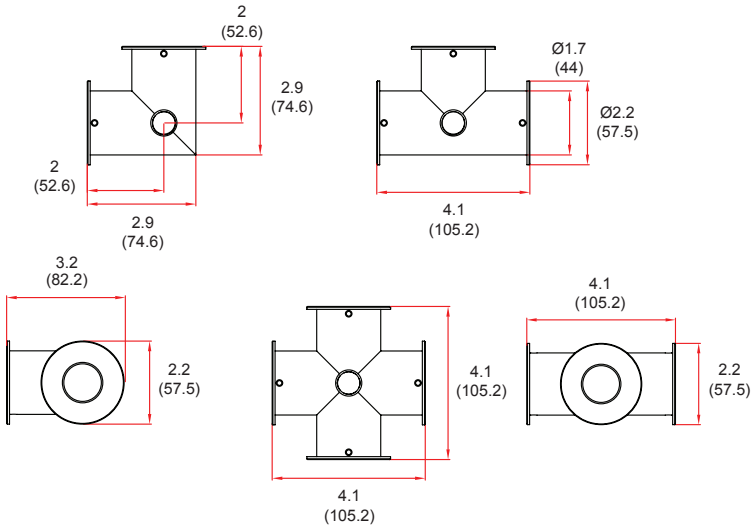


WEIGHT

Item	lbs	kg
ARONDO2-2	5.08	2.3
ARONDO2-3	6.01	2.72
ARONDO2-4	6.76	3.06
ARONDO2-8	10.88	4.93



*Compatible with 1/2" pipe stem (provided by others).



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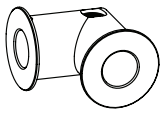
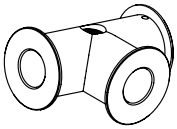
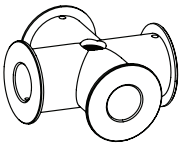
LC



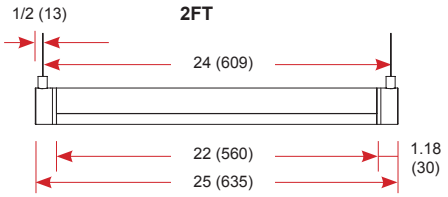
TC



XC



2FT



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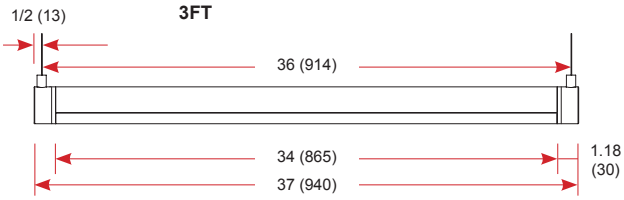
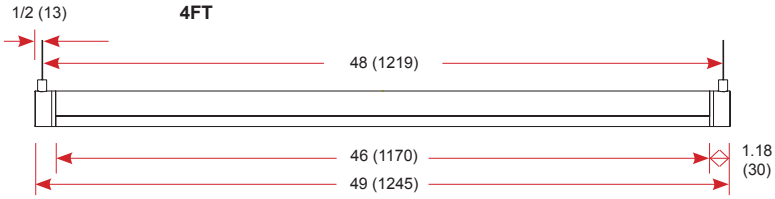
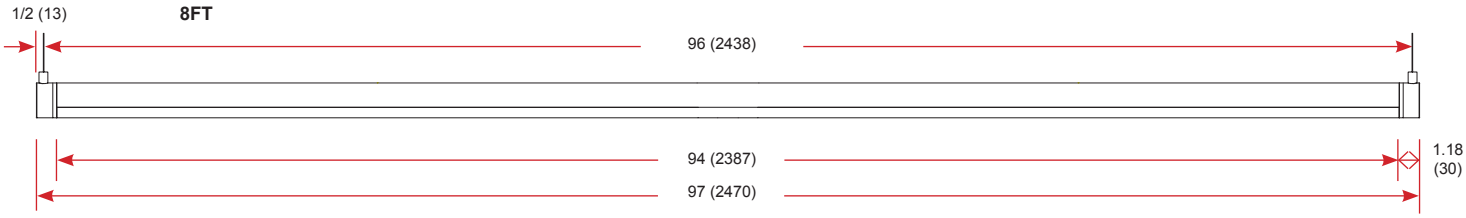


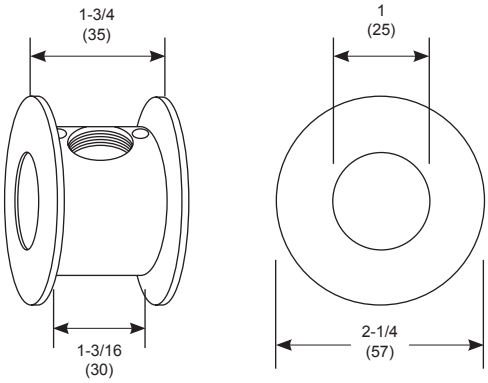
4FT



8FT

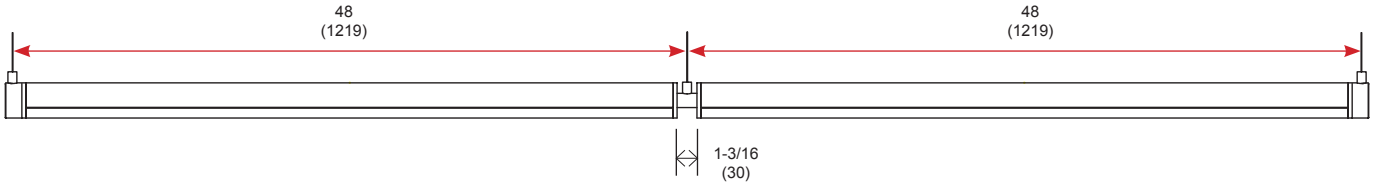


Coupling



All dimensions are in inches (millimeters).

Coupling for continuous run



Total run = 97.05 (2465)
Calculation: (1245-30)x2+30 = 2460
* Recommended to calculate in mm. for precised measurement.

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COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IllumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IllumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DVTV-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLVV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
ED560	eldoLED DUALdrive	<Lunatone>	SS-LUNAT PS2 30mA SS-LUNAT Touch or BT SS-LUNAT Comm
LDE5	Lutron 5-Series EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO [1, 2] Energi Savr Node (120V only): QSN-1EC0-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ-_E(wireless) QSGR-_E Quantum Hub (120V only): QP2-_ _2C/4C/6C/8C Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D
LDE1	Lutron Hi-lume 1% EcoSystem		
MU050	Moons Intelligent indoor	<Lutron>	Diva - DVTV-xx, DVSTV-xx
PHSR [3]	Philips Xitanium Sensor-Ready	<Illumra>	Single Rocker Self-Powered Light Switch (on/off, dim-up/down) Illumra# ZBT-S1AWH Digi-Key# 1082-1033-ND Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1,2) Illumra# ZBT-S2AWH Digi-Key# 1082-1034-ND
ELV/ TDM	ERP	<Lutron>	S-603PG, DVCL-153P, DV-600P, TGCL-153P, S-600P, DVELV-303P, SELV-300P, TG-600P, LG-600P, CT-103P, MAELV-600, FAELV-500
		<Leviton>	IPI06-1LZ, 6631-2, VPE06,6683-IW, 6161, 6633-P, IPE04
		<Cooper>	DLC03P, SLC03P, DAL06P
		<Lightolier>	ZP260QEW
LTEA2W	Lutron Hi-lume 2-wire (120V forward voltage only)	<Lutron>	Visit http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf for a list of compatible dimmer switches.

RGB+W (TABLE 2)

Tunable range	1650 - 8000K	
CRI [1]	>90 (from 2000 - 6000K)	
Dimming	0.1% - 100% at constant CCT	
Color Consistency	<2 step MacAdam ellipse	
Lumen Maintenance	L70 at 50,000 hours	
Control options	0-10V, DALI Type 8, DMX512-A-RDM [2], Wattstopper DLM [4, 5], Bluetooth Mesh, Lutron EcoSystem, Casambi, Crestron, Avion, AcuityCotnrols Fresco	
Recommended control systems	<0-10V> [3]	Creston, ETC, Fresco, Legrand, Leviton, Lutron, Nexlight, N-Light, Pass & Seymour, Vantage, Wattstopper
	<DMX512-A>	Choreo, Cognito, Crestron Greenlight System, Entec, ETC Mosaic, ETC Paradigm, Fresco, Lutron HomeWorks QS, Lutron Quantum, Nicoaudie, Pathway Connectivity, Pharos, Traxon Ecue, Vantage Controls
	<Lutron EcoSystem>	Quantum System, HomeWorks QS, Grafik Eye QS Control Unit with EcoSystem, EnergiSavr Node with EcoSystem, Power Module with EcoSystem, PowPak RMJ-ECO-32-DV-B

* Additional information including wiring diagram can be found under a separate RGB+W attachment.

NOTES:
1. 1% - 100% dimming is available with analog 0-10V control. 0.1% - 100% eFlicker Free dimming is available when connected to digital controls.
2. DMX512-A-RDM is a control protocol that enables Remote Device Management.
   Default DMX512-A Slot allocation:
   Slot 1: Dim Level / Slot 2: CCT / Slot 3: Saturation Level / Slot 4: Hue
3. Suggested compatible dimmer switches are the Lutron's DIVA series (DVTV) and NOVA seires (NFTV), and Leviton's Illumatech (IP710-DC).
4. For full operational details, adjustment and more features of the product, see the DLM System Installation Guide provided with Wattstopper room controllers (provided by others), and also available at www.legrand.us/wattstopper.
5. Quick information of the Plug N' Go Operation (PNG) and Unit Adjustment - Push N' Learn (PNL) can be found under a separate RGB+W attachment.

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CONFIGURATIONS

Series	Size	Model #	AC Input	Fixture Lumen Output (4000K)		Lumen Efficiency (4000K)
PRONDO2	2’	18L	11.35W	1468 lm (100% Down)	1468 lm	129.34 lm/W
		27L	16.73W	1849.5 lm (100% Down)	1849.5 lm	110.55 lm/W
		36L	18.49W	1982 lm (100% Down)	1982 lm	107.19 lm/W
		54L	27.70W	2934.5 lm (100% Down)	2934.5 lm	105.94 lm/W
	3’	18L	17.02W	2202 lm (100% Down)	2202 lm	129.38 lm/W
		27L	25.10W	2774.25 lm (100% Down)	2774.25 lm	110.53 lm/W
		36L	27.74W	2973 lm (100% Down)	2973 lm	107.17 lm/W
		54L	41.54W	4401.75 lm (100% Down)	4401.75 lm	105.96 lm/W
	4’	18L	22.69W	2936 lm (100% Down)	2936 lm	129.40 lm/W
		27L	33.46W	3699 lm (100% Down)	3699 lm	110.55 lm/W
		36L	36.98W	3964 lm (100% Down)	3964 lm	107.19 lm/W
		54L	55.39W	5869 lm (100% Down)	5869 lm	105.96 lm/W
	8’	18L	45.38W	5872 lm (100% Down)	5872 lm	129.40 lm/W
		27L	66.92W	7398 lm (100% Down)	7398 lm	110.55 lm/W
		36L	73.96W	7928 lm (100% Down)	7928 lm	107.19 lm/W
		54L	110.78W	11738 lm (100% Down)	11738 lm	105.96 lm/W

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