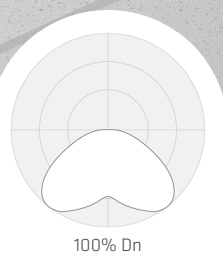


# FLUXWERX

## SPECIFICATION DATA

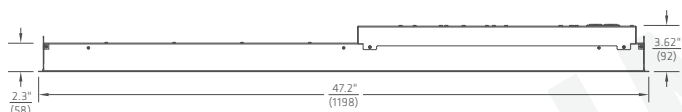
### LOOP RECESSED 6"x4 (LR1-64)



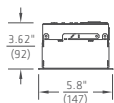
#### CROSS SECTION



#### DIMENSIONS



SIDE VIEW



FRONT VIEW

#### CATALOG #

#### PROJECT

#### NOTES

#### PERFORMANCE SUMMARY

	A	B	C	D
Light (lm)	2700	3150	3800	5050
Energy (W)	19	23	29	38
Efficacy (lm/W)	143	137	134	130
Color Rendering (CRI)	80+			
Color Accuracy (SDCM)	< 2			
L70 Estimate (h)	200,000			150,000
Lumen Maintenance per TM21 (@ 54,000 h)	L90			L88

Summary values are nominal and based on 4000K CCT.

#### FEATURES

- Fluxwerx radial Anidolic optics provide a precisely controlled 360° symmetrical batwing distribution with no view of the LED point source
- Complete family of recessed configurations for a multitude of applications and spaces: 1x1, 1x2, 1x4, 2x2, 2x4 plus 6"x1, 6"x1.5, 6"x2 and 6"x4
- Companion Loop Suspended family allows for an aesthetically connected design language
- Suitable for T-Bar or Drywall ceilings with a Trim or Trimless Flange. 6" wide versions are compatible with TechZone™ and USGBX™ ceiling systems
- The light distribution and high efficacies combine to allow wide fixture spacing with ample general illumination at energy densities less than 0.4 W/ft<sup>2</sup>
- Third party tested, Lighting Facts certified and backed by a 5-year warranty



SPECIFICATION DATA  
LOOP RECESSED 6"x4 (LR1-64)

## ORDER GUIDE

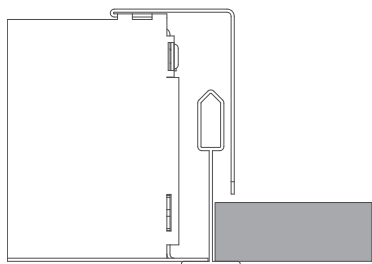
1	2	3	4	5	6	OPTIONS				
LR1	64									

1 FAMILY	2 SIZE	3 ENERGY <sup>1</sup>	4 CCT	5 DRIVER
LR1 Loop Recessed	<b>61</b> 6" x 1' (2 loop)	<b>A</b> 9.5 W	<b>30</b> 3000 K <b>35</b> 3500 K <b>40</b> 4000 K	<b>F1</b> Non-Dim <b>F2</b> 0-10 V Dim 3% <b>E1</b> eldoLED ECO 0-10 V Dim 1% <b>E2</b> eldoLED SOLO 0-10 V Dim 0.1% <b>E3</b> eldoLED ECO DALI 1% <b>E4</b> eldoLED SOLO DALI Dim 0.1% <b>L1</b> Lutron Hi-Lume 1%-H EcoSystem
	<b>65</b> 6" x 1.5' (3 loop)	<b>A</b> 12 W <b>B</b> 15 W		
	<b>11</b> 1' x 1'	<b>A</b> 12 W		
	<b>62</b> 6" x 2'	<b>B</b> 15 W		
	<b>12</b> 1' x 2'	<b>C</b> 19 W		
	<b>22</b> 2' x 2'	<b>A</b> 19 W		
	<b>64</b> 6" x 4'	<b>B</b> 23 W		
	<b>14</b> 1' x 4'	<b>C</b> 29 W		
	<b>24</b> 2' x 4'	<b>D</b> 38 W		
<sup>1</sup> Add 4W for 347 V with E1-4/L1				

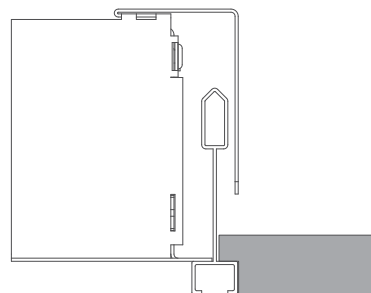
6 VOLTAGE	OPTIONS
<b>M</b> 120-277 V <b>3</b> 347 V <sup>2</sup>	<b>B</b> Battery Pack <sup>3</sup> <b>C</b> Chicago Plenum <b>F</b> 6' Flex Whip <b>K1</b> Drywall Flange Kit - Trim <b>K2</b> Drywall Flange Kit - Trimless
<sup>2</sup> 347 V Driver for F1/F2, 347 V Transformer & Driver for E1-4/L1	<sup>3</sup> Available for 120-277 V

## CEILING INTEGRATION GRID

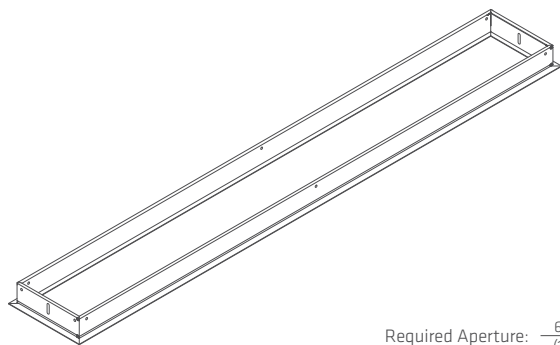
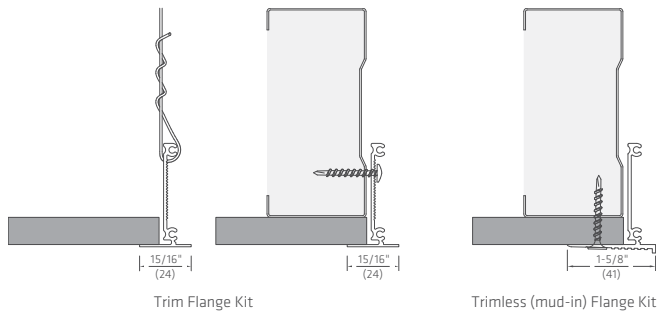
## FLAT GRID



## SLOT GRID



## CEILING INTEGRATION DRYWALL



Required Aperture:  $\frac{6.5'' \times 48.5''}{(165 \times 1232)}$

## CONSTRUCTION

- Formed 22 ga. steel housing
- Quick wire access plate and integral seismic restraint tabs/tie-offs
- Option for (K) drywall flange kit
- High reflectance diffuse white textured powdercoat

## OPTICAL

- Radial Anidolic optical structures with detailed light extraction elements for 360° symmetric batwing distribution
- Precision molded high transmittance clear acrylic lenses
- Long life LED system designed for typical TM21 lumen maintenance  $\geq$  L90 @ 54,000 h
- Available in CCTs 3000 K, 3500 K or 4000 K with CRI  $\geq$  80 and R9  $\geq$  0, all with color accurate binning  $\leq$  2 SDCM

## ELECTRICAL

- Integral high efficiency drivers 120-277 V or 347 V; 50-60 Hz
- Power Factor  $>$  0.90
- Total Harmonic Distortion  $<$  20%
- F2:0-10 V Dim Range: 3-100%
- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. Use 12 W input energy to estimate emergency flux, typically 1150-1750 lm (@100-150 lm/W).
- Optional Lutron: Hi-lume H-Series EcoSystem LED drivers for 100-1% (PWM) dim range
- Optional flex whip: 6' prewired
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

## ENVIRONMENTAL &amp; CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0-30° C (32-86° F)
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas. The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

## WEIGHT

- Maximum 15.6 lbs (7.1 kg)
- Maximum 17.4 lb (7.9 kg) with battery pack

## WARRANTY

- 5 year limited warranty on all components and workmanship

## INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED @ 9,000 h)

## APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- IC Rated