

# 2" LED Ultra-Low Profile Surface Mount with External Driver

LED

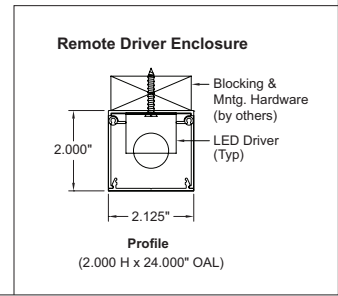
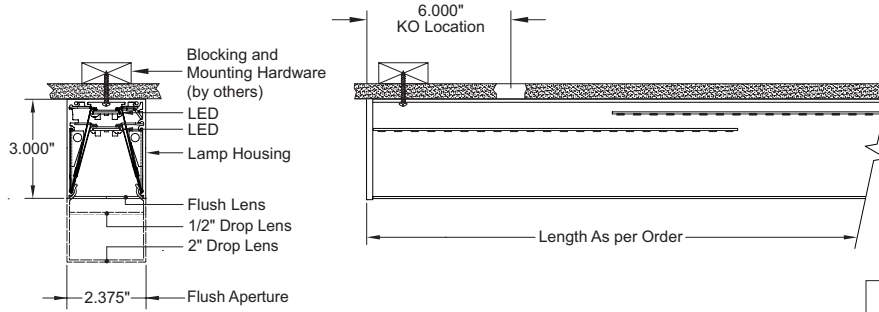


Linear LED Direct Ultra-Low Surface Mount with Flush Snap-in Lens, External Driver

**SDX2**

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_



SDX2-L						-W
CRI	Color	Output	Dimming	Lens	Length(	(Finish)
8 80+	27 2700K (90 CRI only)	S Standard	S Std. 0-10V 1%	DF Diffuser	Nominal:	
9 90+	30 3000K	H High	L Lutron <sup>(1)</sup>	D1 Drop 1/2"	24 36 48	
R RGB & RGBW	35 3500K	M Maximum	D DALI 1%	D2 Drop 2"	60 72 84	
	40 4000K	Custom: Specify Lm/Ft <sup>(1)</sup>	P PoE <sup>(1)</sup>	BW Batwing	96 (see Page 2)	
	TW 2700K-6500K	F Fixed for RGB & RGBW	W Wireless <sup>(1)</sup>	LW Louver White	Custom:	
	GB RGB Color		X DMX for RGBs	LS Louver Specular	Cxxx (in inches)	
	G3 3000K RGBW					
	G5 3500K RGBW					

Product Code Example: **SDX2-L830HSD1-C120-W**

Ultra-low profile linear surface mount slot utilizing high performance LED boards, snap-in lenses and full reflectors with an external driver.

**Features**

- Starfire's proprietary EvenGlow™ system provides uniform illumination from end-to-end without lamp imaging, bright spots or shadows at any length
- Fixtures fabricated to any length without custom engineering
- Exceptional lumen per watt efficiency
- RGB & RGBW (White 3000K & 3500K) option
- High efficiency, low cost, dynamic Tunable White option
- High performance snap-in lenses; flush diffusion, flush batwing, or drop with illuminated end caps, plus white or specular louver options
- Combine with welded corner Connectors to form small or large scaled patterns of uniform light

**Fixture Specifications**

- Housing/Trim: Heavy-duty extruded aluminum
- Finish: White (std), custom available
- Weight: Approx. 3 lbs. per linear foot
- UL Listed, (indoor non-condensing)
- White LED specifications/photometry: Page 2
- Consult factory for RGBs

**Electrical**

- Power consumption: Per specification based on LED configuration
- Input Voltage: 120-277V universal driver
- Ambient operating range: -4 °F to +100 °F
- Remote electronic drivers
- Integral wiring bus between fixture sections
- Drivers with full dimming range at any output choice
- Dimming: 0-10V 1% standard, contact factory for options

**Mounting**

- Screw mount housing to blocking. Contact factory for special ceiling conditions

**Options (Consult factory)**

- Occupancy sensor, daylight control module
- EM pack (Delivers 800+ total lumens for 90 mins). Specify length and location (+/- 2ft) at time of order

<sup>(1)</sup> Specify – Factory to confirm



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# LED Direct Ultra-Low Profile Surface Mount, Flush Snap-in Lens

## SDX2

### White LEDs

- Choice of lumen output levels:
  - S:** Standard
  - H:** High
  - M:** Maximum
  - C:** Custom (between 200 and 1100 Lm/Ft) depending upon configuration, consult factory
- LED Efficiency: Up to 160 Lm/Wt at Max. output and 180 Lm/Wt at Standard power (at 80+ CRI)
- Proprietary in-house, ultra-tight Vf binned LEDs for uniform intensity
- Color Consistency: Equal or better than 3 SCDM
- L70: 50,000+ hours at Max. output
- 5 year limited warranty\*

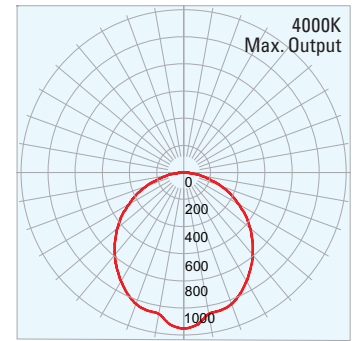
### Fixture Overall Length

Nominal	Actual
24"	23.5"
36"	34.5"
48"	45.5"
60"	56.5"
72"	72"
84"	84"
96"	95"

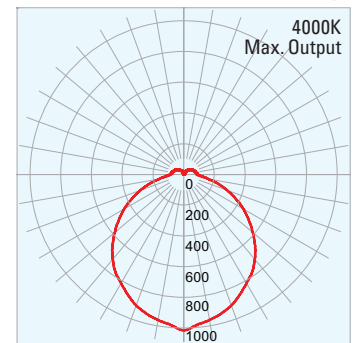
#### Fixture Length Ordering Example:

For a nominal 36" length (34.5" exact): enter **36**  
 To order an exact 36" length: enter **C36**  
 Contact factory for fixture installation dimensions

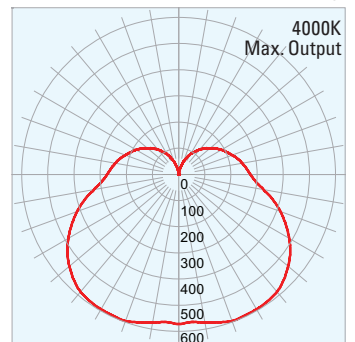
Diffuser



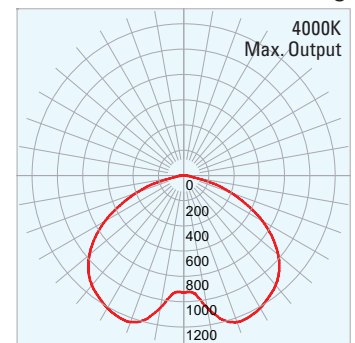
1/2" Drop



2" Drop



Batwing



### Diffuser

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.4	119.0	3.4	116.7	3.6	112.0	4.0	99.4
<b>H</b> High	<b>700</b>	6.2	112.6	6.3	110.2	6.6	105.6	7.7	91.4
<b>M</b> Maximum	<b>850</b>	7.8	109.4	7.9	107.0	8.3	102.3	9.7	87.4

### 1/2" Drop Lens

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.3	122.0	3.3	119.6	3.5	114.8	3.9	102.0
<b>H</b> High	<b>700</b>	6.1	115.6	6.2	113.2	6.5	108.4	7.4	94.0
<b>M</b> Maximum	<b>850</b>	7.6	112.4	7.7	110.0	8.1	105.2	9.4	90.0

### 2" Drop Lens

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	2.7	147.3	2.8	144.4	2.9	138.7	3.2	123.8
<b>H</b> High	<b>700</b>	5.0	140.8	5.1	138.0	5.3	132.3	6.0	115.8
<b>M</b> Maximum	<b>850</b>	6.2	137.6	6.3	134.8	6.6	129.0	7.6	111.8

### Batwing

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.1	131.1	3.1	128.5	3.2	123.4	3.6	109.8
<b>H</b> High	<b>700</b>	5.6	124.7	5.7	122.1	6.0	117.0	6.9	101.8
<b>M</b> Maximum	<b>850</b>	7.0	121.5	7.1	118.9	7.5	113.8	8.7	97.8

Performance data for nominal 4 foot lengths or greater

\* See Starfire website for Product Limited Warranty



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