STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Starlink Surface



Key Features

- Extruded aluminum housing
- Plug-and-play installation
- Soft diffuse direct lighting
- Continuous rows available by linking fixtures together
- Three standard lumen packages
- 0-10V dimming to 1% is standard
- Efficacy up to 145 lm/W

5 Year Warranty · BABA Compliant · BAA Compliant · Intertek · DLC LISTED · RoHS Compliant

Specifications

Construction

- Continuous extruded 6063 T5 aluminum

Dimensions

- Nominal dimensions: 2.5" x 2.9"

Finish

- Colors: Clear or Black anodized finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 4' and 8'
- Sections can be joined to form longer rows using the Starlink locking sleeve.

Source

- CCT: 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Surge protection: 2.5KV ring and wave
- Power factor: >0.93

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- DLC listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.

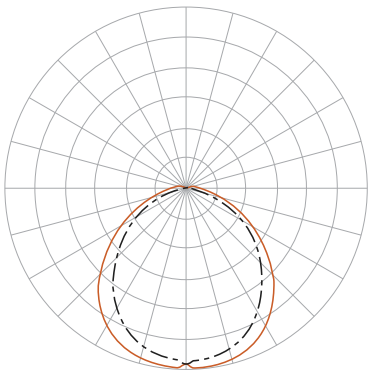
Finishes

Standard

CA: Clear Anodize

BA: Black Anodize

Distribution



Direct: Satinlce Diffuse (SD)

STARTEK Architectural Lighting
899 E. Park Avenue, Libertyville, Illinois 60048
877-782-7835

The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

Ordering Logic

SL-40-S-SD-35K-CA-SMW-U-1EMB10

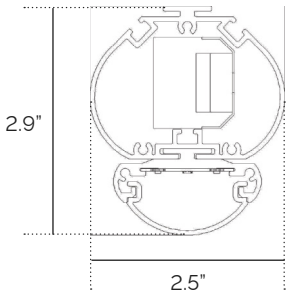
Series	Length	Direct Output[1]	Direct Distribution	CCT	Finish
SL			SD		
	XX - Run Length	**L -** Low	**SD -** SatinIce Diffuse	**30K -** 3000K	**Standard[3]**
	SXX - Symmetrical Run Length	**S -** Standard		**35K -** 3500K	**CA -** Clear Anodize
		H - High		**40K -** 4000K	**BA -** Black Anodize
		XXX - Custom LPF		**50K -** 5000K	**Custom Powder Coat**
				TW - Tunable White[2] (2700K-6500K)	**PO -** Powder Other

Mounting	Voltage	Options		
Surface Mount	**U -** 120-277V	**Specialty Drivers[4]**	**Sensors**	**Other**
SMW - 10' White Cord	**C -** 347V	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DM -** Daylight/Motion Sensor	**CRI9050 -** 90 CRI (R9 50 Min)
SMB - 10' White Cord		**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**Battery**	**PF -** Quick Connect Power Feed[8]
Rotational Mount		**PSRD -** Philips Sensor Ready (DALI) Driver	**#EMB6 -** 6W EM Battery[6, 7]	
RMW - 10' White Cord		**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**#EMB10 -** 10W EM Battery[6, 7]	
RMB - 10' Black Cord		**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[5]		

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See page 1 for standard options.
4. Standard driver is 0-10V, dim to 1% output current.
5. 75 Watt Max. Dual driver required for higher fixture wattage.
6. '#' indicates number per run.
7. Provided by Iota/Bodine.
8. Consult factory.

Dimensions



Position	Nominal Length	Luminaire Length	Raceway Length	Weight
Starter	4'	48"	46.15"	8 lbs
Mid/End			39.6"	
Starter	8'	96"	94.15"	16 lbs
Mid/End			87.6"	

Wattage Multiplier

CRI	CCT	4' Length	8' Length
80 CRI	3000K	1.11	1.05
	3500K	1.05	1.00
	4000K	1.03	0.98
	5000K	1.02	0.97
90 CRI	3000K	1.17	1.11
	3500K	1.11	1.05
	4000K	1.08	1.03
	5000K	1.07	1.02

Multiplier How-To

To determine CRI/CCT configuration wattage:
Choose wattage from Power matrix for desired optic and lumen output for 8' fixture length.

Wattage x Multiplier = New Configuration Wattage

Lumen Packages

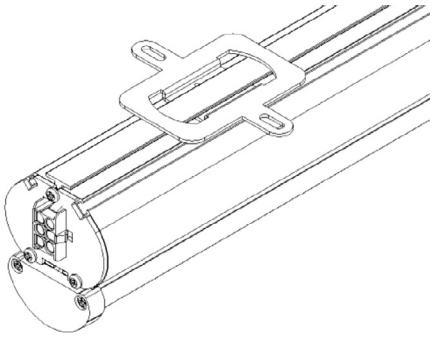
Output	Length	Input Wattage	LPW
Low	4'	17	123
Standard	4'	27	131
High	4'	47	125

NOTE: Based on 3500K CCT. Other CCT available.

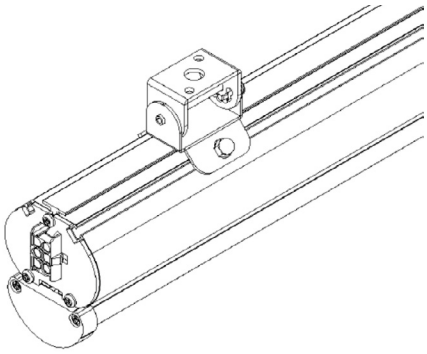
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Mounting

SMX (Surface Mount)

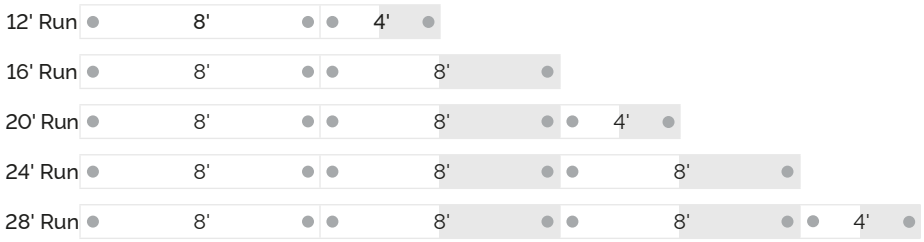


RMX (Rotational Mount)



Mounting Locations

Each fixture will be provided with (2) mounting supports (●).



Wiring Standards

Per NEC Requirements

Each fixture will be manufactured with 300V, 14GA AWG mains wiring. Dependent on the length of the run, fixtures ordered with cords will be provided with the following (based on 12W/ft):

Up to 100'	18/3-22/2
Up to 100' w/ NL	18/4-22/2
Over 100'	14/5
Over 100' w/ NL	14/6

NOTE: 347V fixtures will be provided with 600V cables as required.

Mounting Configurations

Each run of StarLink includes a starter and end fixture. Runs over 12' or 16' will include middle fixtures to build the run to the requested length. Each middle and end fixture includes a link connector and our proprietary sleeve cover. This sleeve cover ensures straight runs at any length.

Standard runs over 8' are as follows:

