STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Starpower Surface



Key Features

- Extruded aluminum housing
- Soft diffuse direct lighting
- Available in 4' and 8' individual fixture lengths
- 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 | 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'

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.

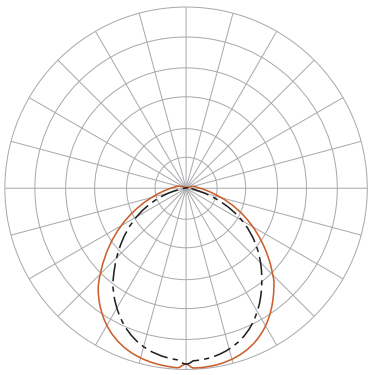
Finishes

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

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

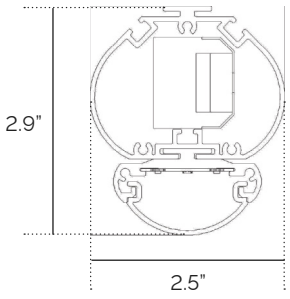
Series	Length	Direct Output[1]	Direct Distribution	CCT	Finish
SP			SD		
	4 - 4'	**L -** Low	**SD -** SatinIce Diffuse	**30K -** 3000K	**Standard[3]**
	8' - 8'	**S -** Standard		**35K -** 3500K	**CA -** Clear Anodize
		H - High		**40K -** 4000K	**BA -** Black Anodize
		XXX - Custom LPF		**50K -** 5000K	**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**	**CFT -** Conduit Feed Through[7]
Rotational Mount		**PSRD -** Philips Sensor Ready (DALI) Driver	**#EMB6 -** 6W EM Battery[6]	
RMW - 10' White Cord		**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**#EMB10 -** 10W EM Battery[6]	
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. Provided by Iota/Bodine.
7. See page 3 for Conduit Feed Through information.

Dimensions



Nominal Length	Luminaire Length	Raceway Length	Weight
4'	48"	46.15"	8 lbs
8'	96"	94.15"	14 lbs

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

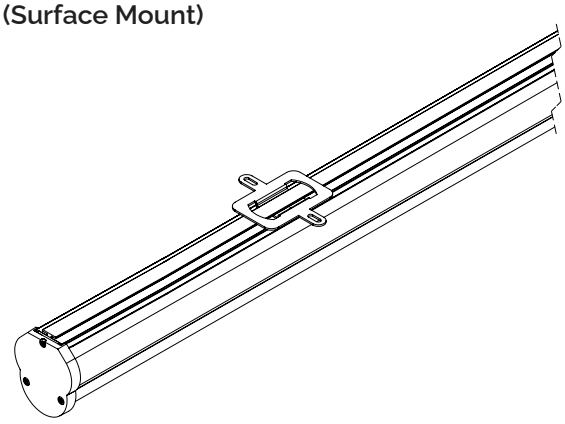
Output	Length	Lumens	Input Wattage	LPW
Low	8'	4380	33	132
Standard	8'	7330	53	138
High	8'	11920	93	127

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

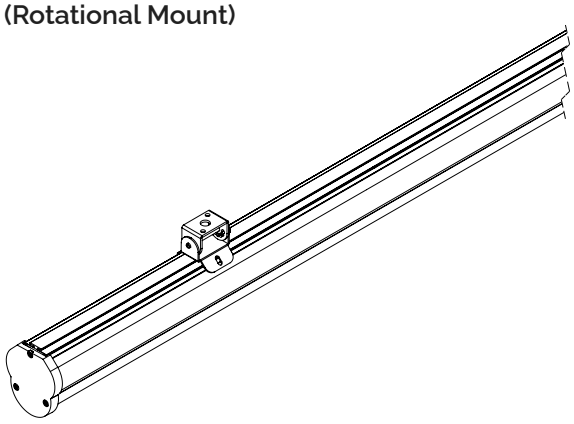
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Mounting

SMX (Surface Mount)



RMX (Rotational Mount)



Surface Mount Options

When fixtures are ordered with the Surface Mount (SM) option, the fixture will manufactured with an end plate that has an opening for a 1/2" connector on the feed end, and a full end cap on the other end.



If the Conduit Feed Through (CFT) is specified, the fixture will be manufactured with an additional end plate that has an opening for a 1/2" connector on the opposite end of the fixture. Thru wires will be provided from one end of the fixture to the other. Conduit can then be run to another fixture.



NOTE: The Conduit Feed Through (CFT) option should not be used to link fixtures together in continuous lengths over 4' or 8'. For that application, the StarLink series should be used.