STARTEK
ARCHITECTURAL LIGHTING

| | | | |
|---|---|---|---|
| Rep/Agent | | Type | |
| Project | | | |
| Order No. | | Date | |

# Starbar Surface



## Key Features

- Extruded aluminum housing with ultra-low profile
- Soft diffuse direct lighting
- Available in 4' and 8' individual fixture lengths
- 0-10V dimming to 1% is standard
- Efficacy up to 150 lm/W
- Remote driver and enclosure

5 Year Warranty | BABA Compliant | BAA Compliant | Intertek | RoHS Compliant

## Specifications

### Construction

- Continuous extruded 6063 T5 aluminum

### Dimensions

- Nominal dimensions: 1.2" x 1.9"

### 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

- -20°C to 50°C (-4°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: >0.9

### Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus 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.

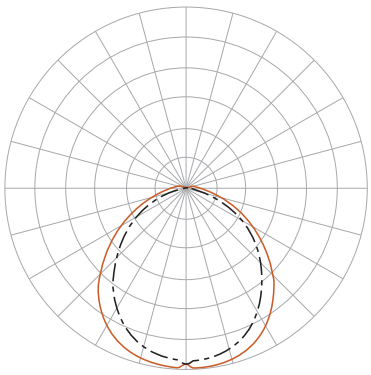
## Finishes

### Standard

**CA:** Clear Anodize

**BA:** Black Anodize

## Distribution



**Direct:** SatinIce Diffuse (SD)


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

## Ordering Logic

SB-4-S-SD-35K-CA-ECEW05-ECDW05-SM-U

| Series | Length | Direct Output | Direct Distribution | CCT | CRI |
|---|---|---|---|---|---|
| SB | | S | SD | | |
| | **4 -** 4' | **S -** Standard | **SD -** SatinIce Diffuse | **30K -** 3000K | **80 -** 80 CRI |
| | **8 -** 8' | | | **35K -** 3500K | **90 -** 90 CRI (R9 50 Min) |
| | | | | **40K -** 4000K | |
| | | | | **50K -** 5000K | |

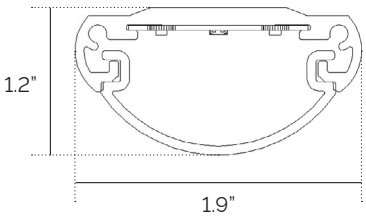
| Finish | Fixture to Driver | | Driver to Mains | Mounting | Voltage |
|---|---|---|---|---|---|
| | | | | | U |
| **Standard[1]** | **Top Exit Cord** | **End Exit Cord** | **ECDW05 -** 5' White Cord | **SM -** Surface Mount | **U -** 120-277V |
| **CA -** Clear Anodize | **ECTW05 -** 5' White Cord | **ECEW05 -** 5' White Cord | **ECDW10 -** 10' White Cord | **TM -** T-Grid Mount | |
| **BA -** Black Anodize | **ECTW10 -** 10' White Cord | **ECEW10 -** 10' White Cord | **ECDB05 -** 5' Black Cord | | |
| **Custom Powder Coat** | **ECTB05 -** 5' Black Cord | **ECEB05 -** 5' Black Cord | **ECDB10 -** 10' Black Cord | | |
| **PO -** Powder Other | **ECTB10 -** 10' Black Cord | **ECEB10 -** 10' Black Cord | **IC -** Conduit into Driver Enclosure | | |

| Options |
|---|
| **Specialty Drivers[2]** |
| **DT1 -** eldoLED EcoDrive Dim to 1% (0-10V) |
| **DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V) |
| **LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black |

**Ordering Notes**

1. See page 1 for standard options.
2. Standard driver is 0-10V, dim to 1% output current.

## Dimensions




| Nominal Length | Luminaire Length | Weight |
|---|---|---|
| 4' | 48" | 2.75 lbs |
| 8' | 96" | 4 lbs |

## Lumen Packages

| Output | Length | Lumens | Input Wattage | LPW |
|---|---|---|---|---|
| Standard | 4' | 3068 | 23 | 134 |
| | 8' | 6630 | 45 | 147 |

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

## 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

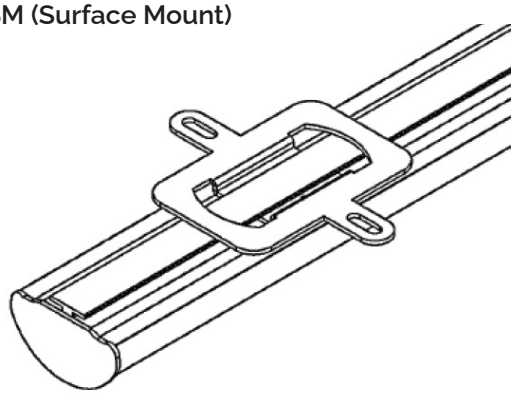
**To determine CRI/CCT configuration wattage:**
Choose wattage from Power matrix for desired optic and lumen output for 8' fixture length.

Wattage x Multiplier = New Configuration Wattage


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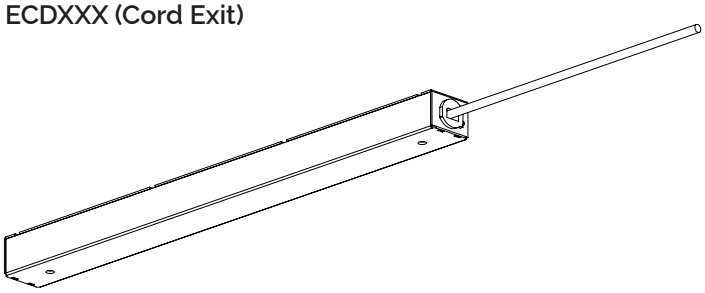
## Mounting

### SM (Surface Mount)

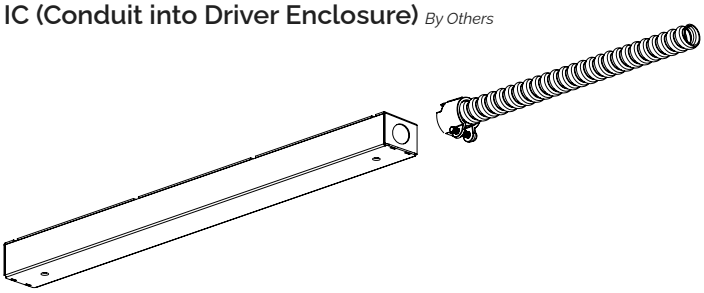


## Remote Driver to Mains

### ECDXXX (Cord Exit)

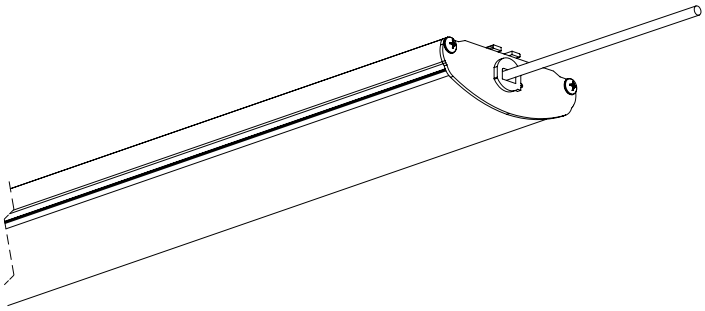


### IC (Conduit into Driver Enclosure) *By Others*



## Fixture to Remote Driver

### ECEXXX (End Exit Cord)



### ECTXXX (Top Exit Cord)

