



## Specifications

<b>LIGHTING</b>	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white and RGB options available.	<b>DRIVERS</b>	120–277V constant current, dimming driver standard. Can be wired dimming or non-dimming. 0–10v dimming input with a range of 1%–100%. Dim-to-Off standard. Driver can be accessed from the fixture. Power factor of > .95. Total Harmonic Distortion (THD) of < 20%.
<b>LUMEN MAINTENANCE</b>	Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L90(17k) > 102,000 hours	<b>CERTIFICATION</b>	Luminaire is CSA listed conforming to UL Standard 1598 in the U.S. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.73 (G), this luminaire contains an internal driver disconnect. Damp Location Rated. All electronic components are RoHS compliant, and the mechanical components of the luminaire have been verified to meet RoHS Directive 2002/95/EC.
<b>DIFFUSION</b>	Frosted optical diffuser produces even illumination.	<b>CLEANING &amp; CARE</b>	Designed to withstand the demands of rigorous cleaning requirements. Effective cleaning and disinfection of environmental surfaces reduces microbe transmission. Superior chemical resistance and durability promotes safety in any design application. Use common disinfectants and cleaners to reduce microbe transmission.
<b>ELECTRICAL</b>	Emergency battery output: 6 watts for 90 minutes. Maximum Mounting height: 10.5ft. Compatible with Signify Bodine sinusoidal output emergency lighting inverters. Signify Bodine inverters allow designated lighting fixtures to serve as code compliant emergency lighting sources during failure of normal AC power. For additional information see link: <a href="http://www.bodine.com/products/inverter.html">http://www.bodine.com/products/inverter.html</a>	<b>WARRANTY</b>	5 year warranty on all standard components.
<b>MOUNTING</b>	Adjustable stainless steel aircraft cable, contact studio for lengths over 20'		



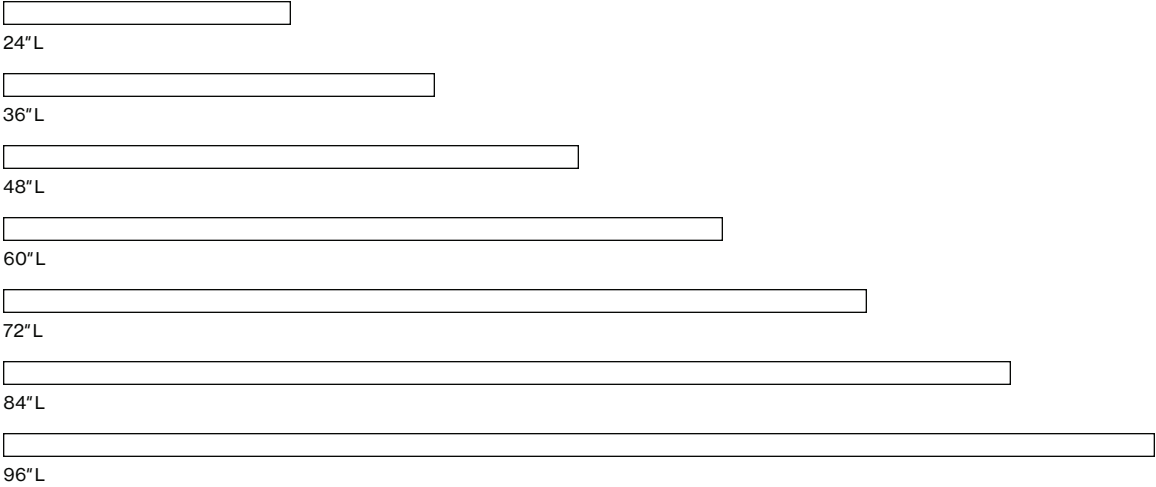
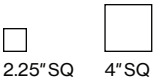
# Casper Beam

Fixture Options

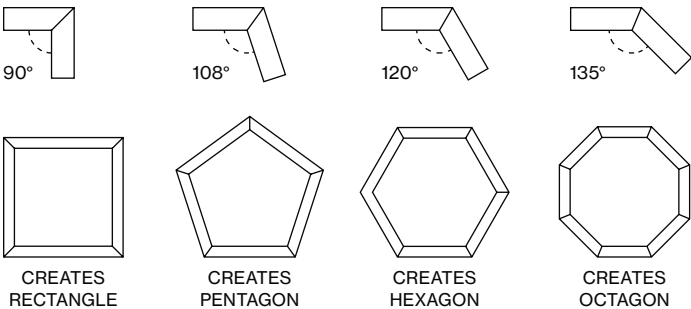
CASPER COLLECTION

## DIMENSIONS

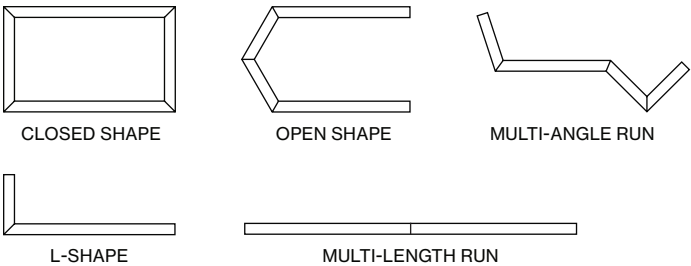
### PROFILES & LENGTHS



### JOINTS

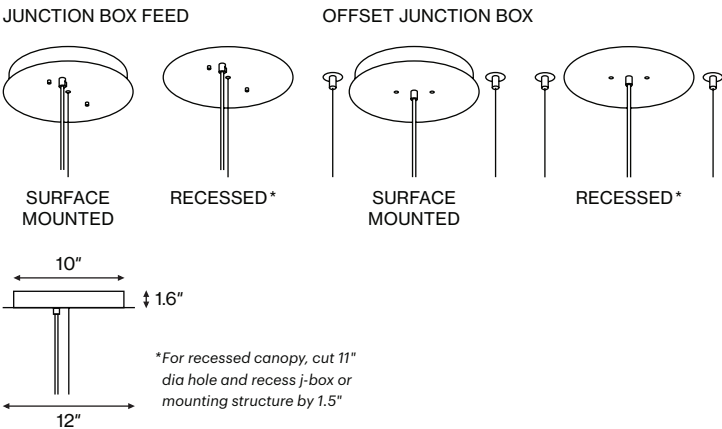


### CUSTOM CONFIGURATIONS\*

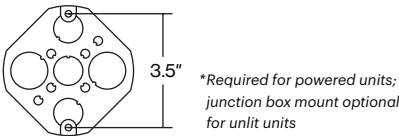


\*Each joiner connector subtracts 3/16" (±0.015") from the overall length of the multi-length run

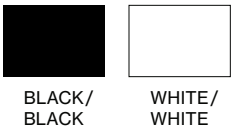
### CEILING CONNECTION



### 4" OCTAGONAL JUNCTION BOX\* (BY OTHERS)

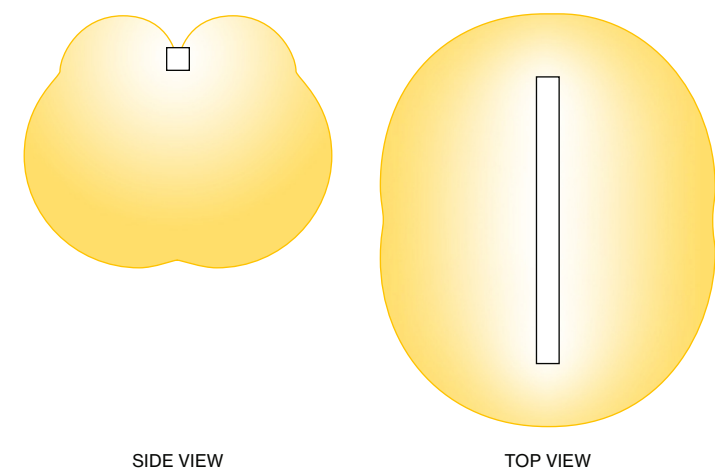


### CANOPY / DRESS PLATE FINISH OPTIONS



LIGHT DISTRIBUTION OPTIONS

Consult factory or [lightart.com](http://lightart.com) for IES files, tested in accordance with IESNA LM79



PERFORMANCE – 2" SQ BEAM

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
250	2.45	111
350	3.43	111
450	4.42	111
550	5.41	111
650	6.38	106
750	7.32	106
850	8.37	106
950	9.37	106
1050	10.10	104

PERFORMANCE – 4" SQ BEAM

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
250	2.47	116
350	3.45	116
450	4.45	116
550	5.45	116
650	6.44	111
750	7.40	111
850	8.45	111
950	9.46	111
1050	10.25	108

LIGHT DISTRIBUTION

Based on measurement data

COLOR TEMPERATURE/CRI	MULTIPLIER
2700K / 80	0.98
2700K / 90	0.93
3000K / 80	1.02
3000K / 90	0.97
3500K / 80	1.00
3500K / 90	1.00
4000K / 80	1.08
4000K / 90	1.03

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value =  $L_1 \times C_m \times O_m$  where:

$L_1$  = (Lumen output at 3500K / 90 CRI) ×

$C_m$  = (Color Temp. / CRI Multiplier) ×

$O_m$  = (Optic Multiplier)

Example:

850LM / 3000K / 80CRI / 2 sq Batwing Optic  
 $(850) \times (1.02) \times (0.91) = 789\text{LM}$

# Casper Beam

## Part Number Specification

CASPER COLLECTION

### SPECIFICATION CODE

Example: 2 QTY COL-CASPR-BEAM-24L-4SQ-PM-CRLNA-STD-830CK-450LM-P01-STD0-OS-WPC-WH

<input type="text"/>	COL-CASPR-BEAM-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
QTY.		1	2	3	4	5	6	7	8	9	10	11	12

Complete form to order Casper fixture(s). For each number, make one selection and enter in the corresponding box above.

\*Indicates modified choices; additional lead times and/or costs may apply.

#### 1 LENGTH (Nominal)

- |                              |  |
|------------------------------|--|
| <input type="checkbox"/> 24L | 24" LENGTH<br><i>Not available below 350 LM/FT</i> |
| <input type="checkbox"/> 36L | 36" LENGTH   |
| <input type="checkbox"/> 48L | 48" LENGTH   |
| <input type="checkbox"/> 60L | 60" LENGTH   |
| <input type="checkbox"/> 72L | 72" LENGTH   |

- |                                 |  |
|---------------------------------|--|
| <input type="checkbox"/> 84L    | 84" LENGTH   |
| <input type="checkbox"/> 96L    | 96" LENGTH   |
| <input type="checkbox"/> CRL *  | CUSTOM ROW LENGTH<br><i>Custom rows from 3' to 200'<br/>in 1' increments available</i> |
| <input type="checkbox"/> CCSL * | CUSTOM CONFIGURATION/SHAPE   |

#### 2 SIZE (Nominal)

- |                              |              |
|------------------------------|--------------|
| <input type="checkbox"/> 2SQ | 2.25" SQUARE |
| <input type="checkbox"/> 4SQ | 4" SQUARE    |

#### 3 MOUNTING

- |                                |                            |
|--------------------------------|----------------------------|
| <input type="checkbox"/> PM    | INDIVIDUAL FIXTURE         |
| <input type="checkbox"/> CRW * | CONTINUOUS ROW FIXTURE     |
| <input type="checkbox"/> CCS * | CUSTOM CONFIGURATION/SHAPE |

#### 4 CONTINUOUS ROW LENGTH

- |                                  |   |
|----------------------------------|---|
| <input type="checkbox"/> CRLNA   | NOT APPLICABLE<br><i>Custom configurations and individual<br/>lengths cannot be joined in the field</i> |
| <input type="checkbox"/> CUSRL * | CUSTOM ROW LENGTH<br><i>Specify custom length in 1'<br/>increments from 3' to 200'</i>                  |

#### 5 SUSPENSION

- |                                |            |
|--------------------------------|------------|
| <input type="checkbox"/> STD   | 12" – 96"  |
| <input type="checkbox"/> EXT * | 12" – 240" |

ft

#### 6 LED CRI / CCT

- |                                |                |
|--------------------------------|----------------|
| <input type="checkbox"/> 827CK | 80 CRI / 2700K |
| <input type="checkbox"/> 830CK | 80 CRI / 3000K |
| <input type="checkbox"/> 835CK | 80 CRI / 3500K |
| <input type="checkbox"/> 840CK | 80 CRI / 4000K |
| <input type="checkbox"/> 927CK | 90 CRI / 2700K |
| <input type="checkbox"/> 930CK | 90 CRI / 3000K |
| <input type="checkbox"/> 935CK | 90 CRI / 3500K |
| <input type="checkbox"/> 940CK | 90 CRI / 4000K |
| <input type="checkbox"/> TW    | TUNABLE WHITE  |
| <input type="checkbox"/> RGB   | RGB            |

#### 7 OUTPUT

- |                                 |  |
|---------------------------------|--|
| <input type="checkbox"/> 250LM  | 250 LM/FT  |
| <input type="checkbox"/> 350LM  | 350 LM/FT <i>TW min output</i>                               |
| <input type="checkbox"/> 450LM  | 450 LM/FT  |
| <input type="checkbox"/> 550LM  | 550 LM/FT  |
| <input type="checkbox"/> 650LM  | 650 LM/FT <i>Continuous run max standard output**</i>        |
| <input type="checkbox"/> 750LM  | 750 LM/FT <i>TW available up to 84L</i>                      |
| <input type="checkbox"/> 850LM  | 850 LM/FT <i>TW available up to 72L</i>                      |
| <input type="checkbox"/> 950LM  | 950 LM/FT <i>TW available up to 60L</i>                      |
| <input type="checkbox"/> 1050LM | 1050 LM/FT <i>TW not available</i>                           |
| <input type="checkbox"/> RGBO   | RGB OUTPUT   |
| <input type="checkbox"/> CU *   | CUSTOM OUTPUT<br><i>Specify value from 250 to 1050 lm/ft</i> |

lm/ft

#### 8 DIMMING AND CONTROLS

- |                                |   |
|--------------------------------|---|
| <input type="checkbox"/> P01   | 0-10V 1% DIMMING  |
| <input type="checkbox"/> LEC * | HI-LUME 1% ECOSYSTEM<br>LED DRIVER SOFT ON,<br>FADE TO BLACK (LDE1 SERIES)  |
| <input type="checkbox"/> EBM   | 0-10V 1% DIMMING INTEGRATED<br>EM BATTERY OPTION<br><i>Max Lumen output limited—<br/>consult LightArt. Not available<br/>with Tunable White or RGB.</i> |
| <input type="checkbox"/> DMX   | RGB CONTROL   |
| <input type="checkbox"/> DALI  | DALI CONTROL  |

#### 9 LIGHTING DISTRIBUTION

- |                               |                |
|-------------------------------|----------------|
| <input type="checkbox"/> STD0 | STANDARD OPTIC |
|-------------------------------|----------------|

#### 10 CANOPY MOUNTING 12" Dia Canopy

- |                             |                              |
|-----------------------------|------------------------------|
| <input type="checkbox"/> JB | JUNCTION BOX<br>FEED/SUPPORT |
| <input type="checkbox"/> OS | OFFSET<br>JUNCTION BOX       |

#### 11 CANOPY OPTIONS

- |                               |                |
|-------------------------------|----------------|
| <input type="checkbox"/> WPC  | WHITE          |
| <input type="checkbox"/> BPC  | BLACK          |
| <input type="checkbox"/> RWPC | RECESSED WHITE |
| <input type="checkbox"/> RBPC | RECESSED BLACK |

#### 12 POWER CORD

- |                             |       |
|-----------------------------|-------|
| <input type="checkbox"/> WH | WHITE |
| <input type="checkbox"/> BK | BLACK |



MADE IN USA  
WITH GLOBAL AND  
DOMESTIC PRODUCTS