

# French Curve

Overview

CONTOUR COLLECTION



## Specifications

<b>LIGHTING</b>	LED module with single light emitting source, thermally managed to provide optimal performance. Specifiable in 2700K-4000K in CRI >80 or CRI >90, color accuracy within 3 SDCM. Also available in dim-to-warm.  PoE or PoE+ compatible (depending on required output): Integrates with Power over Ethernet lighting systems through standard, low voltage wires. See wattage table on page 4 for PoE or PoE+ compatibility.  Beam spreads from 28 degree narrow flood to 44 degree wide flood available, achieved with optics that are easily changed in the field.  E26 lamp model also available. Source lumens 800, delivered lumens approx 619, 90 CRI, nominal lifetime 15,000 hours.	<b>HARDWARE</b>  <b>MOUNTING</b>  <b>ELECTRICAL</b>  <b>CERTIFICATION</b>  <b>CLEANING &amp; CARE</b>	TGIC-free powder coat. Stainless steel cables with nickel-plated cable gripper allows for adjustable hanging height. Made with RoHS compliant parts.  Adjustable stainless steel aircraft cable, contact studio for lengths over 20'  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>  CSA certified to CSA C22.2 No. 250.0, and conforms to UL standard 1598. PoE Compatible fixtures meet UL 2108.  The best way to remove airborne debris and dust from shades is to periodically vacuum. A Swiffer sheet or feathered duster can also be used for light dusting.
<b>LUMEN MAINTENANCE</b>	Reported: L90: >55,000 hours  Calculated: L70: >180,000 hours L80: >120,000 hours  <i>EPA TM21 calculator derived</i>		
<b>PHOTOMETRICS</b>	Consult factory or website for IES files, tested in accordance with IESNA LM79.		



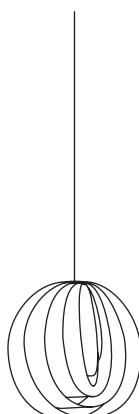
MADE IN USA  
WITH GLOBAL AND  
DOMESTIC PRODUCTS

# French Curve

## Fixture Options

CONTOUR COLLECTION

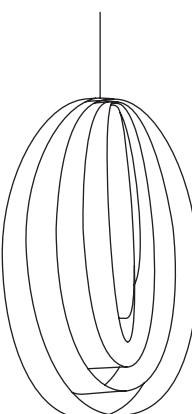
### DIMENSIONS



14" DIA x 14" H



18" DIA x 24" H



24" DIA x 36" H

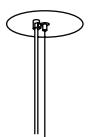
### CEILING CONNECTION

#### STANDARD CANOPY

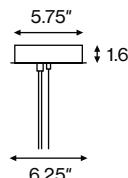
For recessed canopy, cut 6" diameter hole and recess j-box or mounting structure by 1.5"



SURFACE MOUNTED

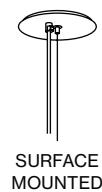


RECESSED\*

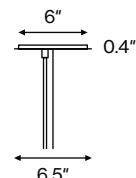


5.75" 6.25" 1.6"

#### ULTRA SHALLOW CANOPY (E26 ONLY)



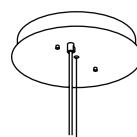
SURFACE MOUNTED



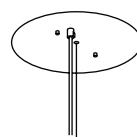
6" 0.4" 6.5"

#### EM BATTERY OPTION ONLY

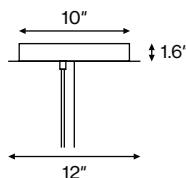
For recessed canopy, cut 6" diameter hole and recess j-box or mounting structure by 1.5"



SURFACE MOUNTED

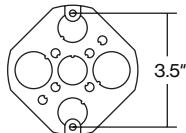


RECESSED\*



10" 12" 1.6"

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



\*Required for powered units;  
junction box mount optional  
for unit units

### CANOPY / DRESS PLATE FINISH OPTIONS



BLACK



WHITE

### COLOR OPTIONS



\*Hundreds of colors available.  
Contact us for samples and more information.

VEIL PURE TRANSLUCENT  
SUEDE



MADE IN USA  
WITH GLOBAL AND  
DOMESTIC PRODUCTS

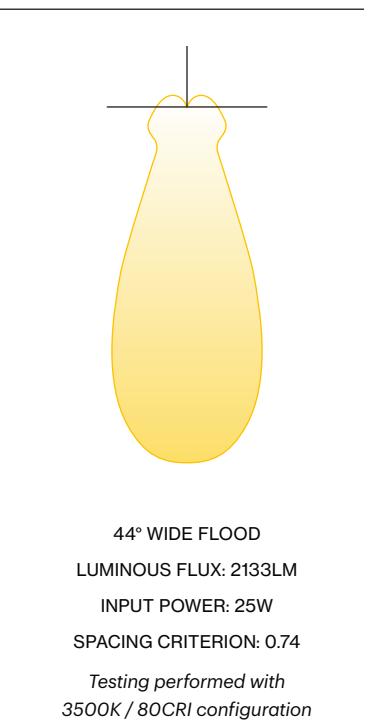
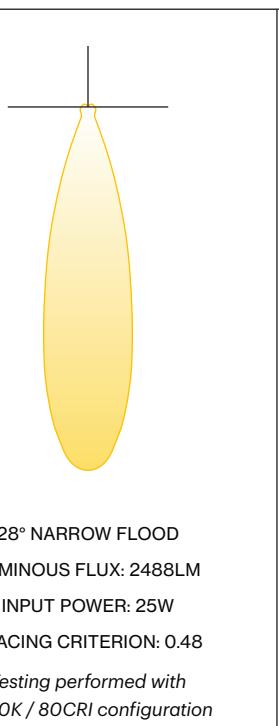
# French Curve

## Lighting Details

CONTOUR COLLECTION

### LIGHT DISTRIBUTION

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



### PERFORMANCE

Based on 3500K / 80CRI / NFL configuration (HP light core) and 3500K / 80CRI for E26 lamp

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)	POE COMPATIBILITY	OUTPUT / LED DRAW WATTAGE (for use w/ POE)
600 (E26 A-LAMP)	619	8.8	72	N/A	N/A
900	893	8.0	111	POE & POE+	6.8
1000	1050	9.5	110	POE & POE+	8.1
1500	1533	14.6	105	POE & POE+	12.4
2000	2005	19.6	102	POE+ ONLY	16.7
2500	2488	25.0	100	POE+ ONLY	21.4

### OPTICAL CHARACTERISTICS

Based on measurement data

BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	28° 0.48
FLOOD	36° 0.61
WIDE FLOOD	44° 0.74

### OUTPUT MULTIPLIERS

Based on measurement data

COLOR TEMPERATURE/CRI	MULTIPLIER
2700K / 80	0.94
2700K / 90	0.77
3000K / 80	0.98
3000K / 90	0.82
3500K / 80	1.00
3500K / 90	0.84
4000K / 80	1.02
4000K / 90	0.87
WARM DIM 1830 / 90	0.72

OPTIC	MULTIPLIER
30°	1.00
54°	0.93
78°	0.86

### OUTPUT MULTIPLIERS INSTRUCTIONS

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

$L_i$  = (Lumen output at 3500K / 80 CRI) ×

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

$O_m$  = (Optic Multiplier)

Example:

900LM / 3000K / 80CRI / FL Configuration  
(900) × (0.98) × (0.86) = 759LM

# French Curve

## Part Number Specification

CONTOUR COLLECTION

### SPECIFICATION CODE

Example: 2 QTY COL-CON-FRCU-27D-VP-835CK-2000LM-NFL-LV01-STD-WPC-WH

QTY.

COL-CON-FRCU -   -   -   -   -   -   -   -   -  

1 2 3 4 5 6 7 8 9

Complete form to order Contour French Curve 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 DIAMETER

- 14D SMALL 14" Dia x 14" H
- 18D MEDIUM 18" Dia x 24" H
- 24D LARGE 24" Dia x 36" H

### 2 MATERIAL

- VP VEIL PURE
- TS TRANSLUCENT SUEDE
- CUST\* CUSTOM COLOR

### 3 LED CRI/CCT

<input type="checkbox"/> 827CK	80 CRI / 2700K	<input type="checkbox"/> 930CK	90 CRI / 3000K
<input type="checkbox"/> 830CK	80 CRI / 3000K	<input type="checkbox"/> 935CK	90 CRI / 3500K
<input type="checkbox"/> 835CK	80 CRI / 3500K	<input type="checkbox"/> 1830W	WARM DIMMING 90 CRI 3000K to 1800K Dimming Range
<input type="checkbox"/> 840CK	80 CRI / 4000K		
<input type="checkbox"/> 927CK	90 CRI / 2700K	<input type="checkbox"/> E26AL	E26 BASE A LAMP 120V only Source Lumens 800lm, 619lm delivered 3000K > 90 CRI, Not available in PoE.

### 4 NOMINAL DELIVERED LUMENS

Warm dim only available in 1500LM

- 900LM 900 LUMEN
- 1000LM 1000 LUMEN
- 1500LM 1500 LUMEN
- 2000LM 2000 LUMEN
- 2500LM 2500 LUMEN
- 600LM E26 BASE A LAMP  
600 delivered lumens only

### 5 BEAM SPREAD

Beam spread kits available—contact LightArt for more information

- NFL NARROW FLOOD OPTION (28°)
- FL FLOOD OPTION (36°)
- WFL WIDE FLOOD OPTION (44°)
- E26S E26 BASE A LAMP

### 6 DIMMING AND CONTROLS

- LV01 0-10V – 1% DIMMING 120 & 277V
- LT02 LEADING/TRAILING/TRIAC – 5% DIMMING 120V only
- LP01 ELV FORWARD/REVERSE PHASE – 1% DIMMING 120V only
- LVP LOW VOLTAGE POE No driver provided for POE.  
Power supply by others. Not available with E26 Base A lamp.
- EBM 0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION  
Max Lumen output limited—consult LightArt. Not available for E26.
- E26 Universal Input (Dim on 120V for TRIAC/ELV & 120/277V for 0-10V)
- E26 BASE A LAMP Only compatible with 120V ELV Dimming

### 7 SUSPENSION

- STD 12" – 96"
- EXT\* 12" – 240"

### 8 CANOPY OPTIONS

- WPC WHITE
- BPC BLACK
- RWPC RECESSED WHITE
- RBPC RECESSED BLACK

### 9 POWER CORD

Cord color dictates visible metal color

- WH WHITE
- BK BLACK