# CURVE 1.5
## DIRECT / INDIRECT

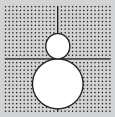


5 YEAR limited led warranty

### MOUNTING
Pendant



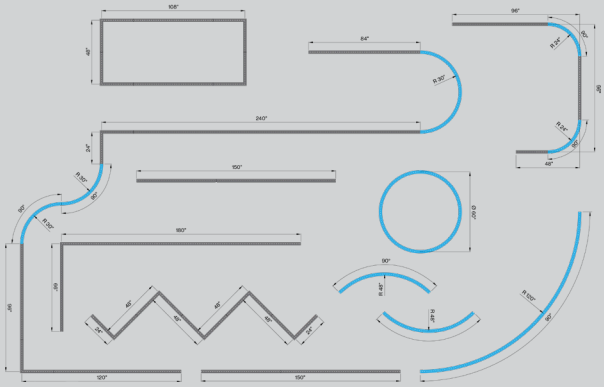
### PERFORMANCE
- Up to 123lm/W
- 200 – 1200 delivered lm/ft
- CRI > 80 & CRI > 90
- Damp rated
- Customizable



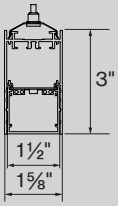
### COMPATIBLE CONTROLS & FEATURES
ATHENA WIRELESS NODE by LUTRON · nLIGHT · SENSOR READY · consult factory

### CERTIFICATIONS & COMPLIANCE
BAA BABA · cULus · RoHS compliant · Declare RedList Approved · TITLE 24 JA8

### WHAT SHAPES YOU?
Combines with the BASO 1.5 system components



### DIMENSIONS
**PENDANT**




### Catalog Number Example
CURVE 1.5-PDT-BL-OPOP-30K-C80-UNV-010V-SEN-SC-0400LF-0400LF-RA-18IN-A90-BAA

A B C D E F G H I J K L M N O

### A RANGE

| | |
|---|---|
| CURVE 1.5 | C U R V E 1 . 5 |

### B MOUNTING

| | |
|---|---|
| Pendant | P D T |

pendant suspension set includes cable suspension and one white power feeder with a white junction box cover

for black power feeds or junction box covers, please contact customer service

### C COLOR

| | |
|---|---|
| White | W H |
| Black | B L |
| Gray | G R |
| Custom color RAL | X X |

### D LENS

| | |
|---|---|
| OPOP opal cover direct<br>opal cover indirect | O P O P |

### E CCT

| | |
|---|---|
| 2700 K | 2 7 K |
| 3000 K | 3 0 K |
| 3500 K | 3 5 K |
| 4000 K | 4 0 K |
| Custom CCT | X X K |

### F CRI

| | |
|---|---|
| CRI > 80 | C 8 0 |
| CRI > 90 | C 9 0 |

### G VOLTAGE

| | |
|---|---|
| 120V / 277V | U N V |

### H DIMMING

| | |
|---|---|
| 0-10V 1% dimming | 0 1 0 V |
| DALI | D A L I |
| Lutron Digital Dim | L T D |
| Power over ethernet<br>consult factory | P O E C |
| Custom dimming<br>consult factory | X X X X |

### I CONTROLS

| | |
|---|---|
| No Controls | |
| Lutron Athena compatible | L U T A |
| nLight compatible | N L T |
| Integrated Sensor<br>consult factory | S E N |
| Custom Controls<br>consult factory | X X X X |

*leave blank

### J CIRCUIT / EM

| | |
|---|---|
| Single circuit | S C |
| Dual circuit | D C |
| EMC night light circuit | N L |

### K OUTPUT DOWN

| | |
|---|---|
| 400 lm/ft 3.9W | 0 4 0 0 L F |
| 600 lm/ft 5.6W | 0 6 0 0 L F |
| 800 lm/ft 7.5W | 0 8 0 0 L F |
| Custom lm/ft* | X X X X L F |

*custom lumen from 200 up to 900 lm/ft

Efficiencies based on CRI90
CRI80 values are up to 15% more efficient

### L OUTPUT UP

| | |
|---|---|
| 400 lm/ft 3.8W | 0 4 0 0 L F |
| 600 lm/ft 5.6W | 0 6 0 0 L F |
| 800 lm/ft 7.5W | 0 8 0 0 L F |
| Custom lm/ft* | X X X X L F |

*custom lumen from 200 up to 1200 lm/ft

Efficiencies based on CRI90
CRI80 values are up to 15% more efficient

### M RADIUS IN INCH

| | |
|---|---|
| 18" | R A - 1 8 I N |
| 24" | R A - 2 4 I N |
| 30" | R A - 3 0 I N |
| 36" | R A - 3 6 I N |
| 48" | R A - 4 8 I N |
| 60" | R A - 6 0 I N |
| 120" | R A - 1 2 0 I N |

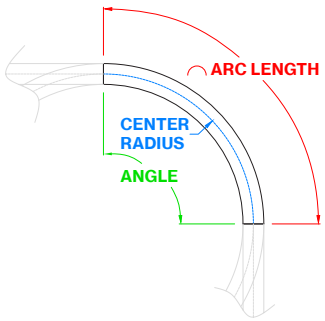
for custom radii, please contact customer service

Efficiencies based on CRI90
CRI80 values are up to 15% more efficient

### N ANGLE

| | |
|---|---|
| 22.5° * | A 2 2 |
| 45° ≥ R36" only | A 4 5 |
| 90° | A 9 0 |
| 180° | A 1 8 0 |
| Custom angle | A X X X |

* ≥ R120" only; for custom angles, please contact customer service




### O CERTIFICATION

| | |
|---|---|
| No Certification | * |
| BAA Compliant | B A A |
| BABA Compliant | B A B A |
| Red List Approved | D R L A |

*leave blank

BASO
basolighting.com

# Technical data

## CURVE 1.5 DIRECT

| Delivered Lumens | CCT | CRI | Input Watts | Luminaire Efficacy |
|---|---|---|---|---|
| 400 lm/ft ↧ | 4000K | CRI > 80 / 90 | 3.4 / 3.9 W/ft | 118 / 103 lm/W |
| 600 lm/ft ↧ | 4000K | CRI > 80 / 90 | 4.9 / 5.6 W/ft | 123 / 107 lm/W |
| 800 lm/ft ↧ | 4000K | CRI > 80 / 90 | 6.5 / 7.5 W/ft | 123 / 107 lm/W |

## CURVE 1.5 INDIRECT

| Delivered Lumens | CCT | CRI | Input Watts | Luminaire Efficacy |
|---|---|---|---|---|
| 400 lm/ft ↧ | 4000K | CRI > 80 / 90 | 3.3 / 3.8 W/ft | 120 / 105 lm/W |
| 600 lm/ft ↧ | 4000K | CRI > 80 / 90 | 4.9 / 5.6 W/ft | 123 / 107 lm/W |
| 800 lm/ft ↧ | 4000K | CRI > 80 / 90 | 6.5 / 7.5 W/ft | 123 / 107 lm/W |

## DIRECT / INDIRECT

**90°**

60% ■ 40%

| RADIUS SIZE | ANGLE | ARCLEN MECH | LEDs | ARCLEN EL | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 18" | 90 | 2.4 | 80 | 2.5 | 400 | 9.8 | 103 | 600 | 14.8 | 102 | 800 | 20.5 | 98 |
| R 24" | 90 | 3.1 | 96 | 3 | 400 | 11.7 | 103 | 600 | 17.7 | 102 | 800 | 24.6 | 98 |
| R 30" | 90 | 3.9 | 128 | 4 | 400 | 15.6 | 103 | 600 | 23.6 | 102 | 800 | 32.8 | 98 |
| R 36" | 90 | 4.7 | 160 | 5 | 400 | 19.5 | 103 | 600 | 29.5 | 102 | 800 | 41 | 98 |
| R 48" | 90 | 6.3 | 192 | 6 | 400 | 23.4 | 103 | 600 | 35.4 | 102 | 800 | 49.2 | 98 |
| R 60" | 90 | 7.9 | 256 | 8 | 400 | 31.2 | 103 | 600 | 47.2 | 102 | 800 | 65.6 | 98 |

for 30 K or 35 K multiply lm value by 0.96

**45°**

60% ■ 40%

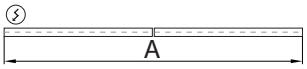
| RADIUS SIZE | ANGLE | ARCLEN MECH | LEDs | ARCLEN EL | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) | LUMEN OUTPUT (LM/FT) | POWER INPUT(W) | EFFICACY (LM/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 30" | 45 | 2.0 | 96 | 2 | 400 | 7.8 | 103 | 600 | 11.8 | 102 | 800 | 17.8 | 98 |
| R 36" | 45 | 2.4 | 120 | 2.5 | 400 | 9.8 | 103 | 600 | 14.8 | 102 | 800 | 22.3 | 98 |
| R 48" | 45 | 3.1 | 144 | 3 | 400 | 11.7 | 103 | 600 | 17.7 | 102 | 800 | 26.7 | 98 |
| R 60" | 45 | 3.9 | 192 | 4 | 400 | 15.6 | 103 | 600 | 23.6 | 102 | 800 | 35.6 | 98 |
| R 120" | 45 | 7.9 | 384 | 8 | 400 | 31.2 | 103 | 600 | 47.2 | 102 | 800 | 71.2 | 98 |

for 30 K or 35 K multiply lm value by 0.96

## **Patterns with BASO 1.5** top view

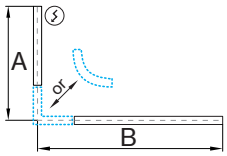
### LINEAR

| A | FIXTURES | CODE |
|---|---|---|
| 48" | 1 × 4' linear | ST - 48IN |
| 96" | 1 × 8' linear | ST - 96IN |
| 144" | 3 × 4' linear | ST - 144IN |



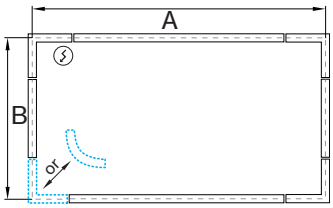

### L-SHAPE / J-SHAPE

| A / B | FIXTURES | CODE |
|---|---|---|
| 48" /48" | 2 × 24" linear + 1 × 24"×24" corner or R 24" 90° curve | #S - 48X48IN |
| 48" /96" | 1 × 24" linear + 1 × 72" linear + 1 × 24"×24" corner or R 24" 90° curve | #S - 48X96IN |
| 96" /96" | 2 × 72" linear + 1 × 24"×24" corner or R 24" 90° curve | #S - 96X96IN |



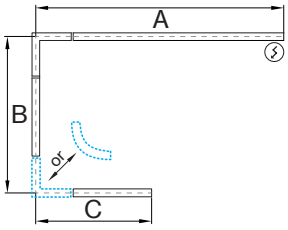

### □-SHAPE / O-SHAPE

| A / B | FIXTURES | CODE |
|---|---|---|
| 48" / 48" | 4 × 24"×24" corner or R 24" 90° curve | #S - 48X48IN |
| 48" / 96" | 2 × 48" linear + 4 × 24"×24" corner or R 24" 90° curve | #S - 48X96IN |
| 96" / 96" | 4 × 48" linear + 4 × 24"×24" corner or R 24" 90° curve | #S - 96X96IN |




### U-SHAPE / C-SHAPE

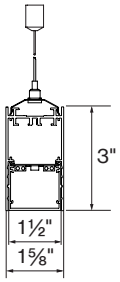
| A / B / C | FIXTURES | CODE |
|---|---|---|
| 48" /48" /48" | 2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve | #S - 48X48X48IN |
| 48" /96" /48" | 1 × 48" linear + 2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve | #S - 48X96X48IN |
| 48" /144" /48" | 1 × 96" linear + 2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve | #S - 48X144X48IN |



## FULL CIRCLE DIMENSIONS

| NOMINAL | ON-CENTER RADIUS | ON-CENTER DIAMETER | OUTSIDE DIAMETER | OUTSIDE CIRCUMFER. |
|---|---|---|---|---|
| Ø 36" | 18" | Ø 36" | Ø 37 5/8" | 118 3/16" |
| Ø 48" | 24" | Ø 48" | Ø 49 5/8" | 155 7/8" |
| Ø 60" | 30" | Ø 60" | Ø 61 5/8" | 193 5/8" |
| Ø 72" | 36" | Ø 72" | Ø 73 5/8" | 231 5/16" |
| Ø 96" | 48" | Ø 96" | Ø 97 5/8" | 306 11/16" |
| Ø 120" | 60" | Ø 120" | Ø 121 5/8" | 382 1/8" |
| Ø 240" | 120" | Ø 240" | Ø 241 5/8" | 759 1/16" |

**PENDANT**

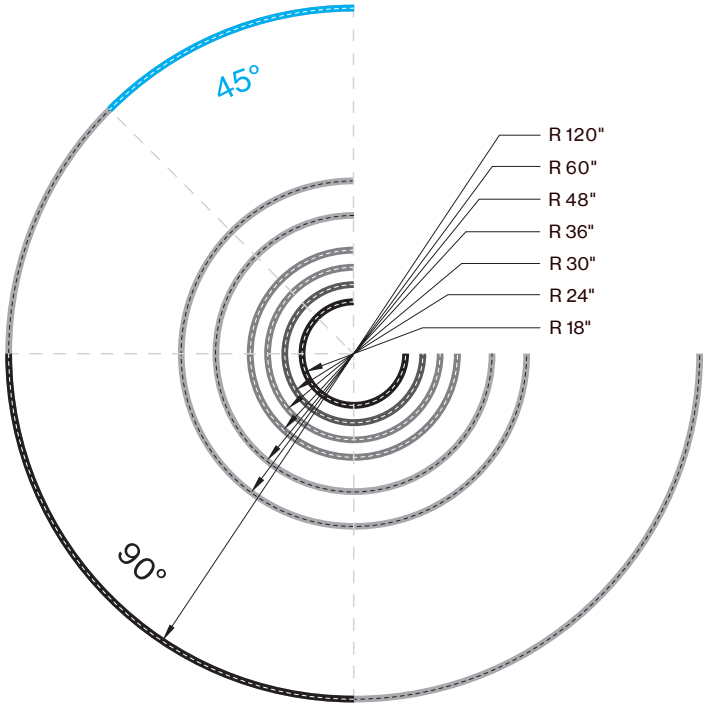


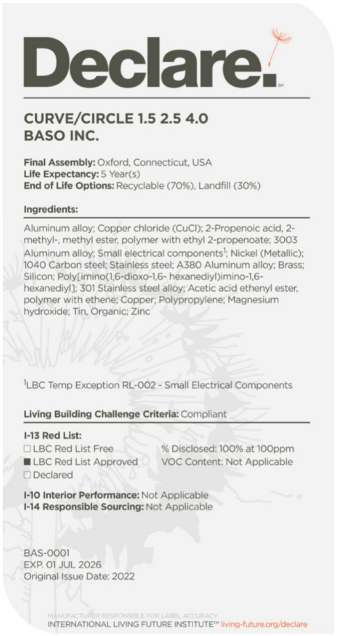

## FOR FIXTURES THAT ARE NOT FULL CIRCLE

L total = L channel + ⅛" in total for two endcaps

## FOR FIXTURES THAT ARE FULL CIRCLE

L total = L channel





Declare.

CURVE/CIRCLE 1.5 2.5 4.0
BASO INC.

**Final Assembly:** Oxford, Connecticut, USA
**Life Expectancy:** 5 Year(s)
**End of Life Options:** Recyclable (70%), Landfill (30%)

**Ingredients:**

Aluminum alloy; Copper chloride (CuCl); 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; 3003 Aluminum alloy; Small electrical components[1]; Nickel (Metallic); 1040 Carbon steel; Stainless steel; A380 Aluminum alloy; Brass; Silicon; Poly[imino(1,6-dioxo-1,6- hexanediyl)imino-1,6-hexanediyl]; 301 Stainless steel alloy; Acetic acid ethenyl ester, polymer with ethene; Copper; Polypropylene; Magnesium hydroxide; Tin, Organic; Zinc

[1]LBC Temp Exception RL-002 - Small Electrical Components

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**
☐ LBC Red List Free
■ LBC Red List Approved
☐ Declared
% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

**I-10 Interior Performance:** Not Applicable
**I-14 Responsible Sourcing:** Not Applicable

BAS-0001
EXP. 01 JUL 2026
Original Issue Date: 2022

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE℠ living-future.org/declare

## CURVE mounting instructions

Get access to the CURVE circle mounting instructions faster by scanning the QR code.

https://www.basolighting.com/resources/mounting-instructions/curve