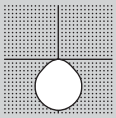
CURVE 1.5
DIRECT

5 YEAR limited led warranty

MOUNTING
Recessed



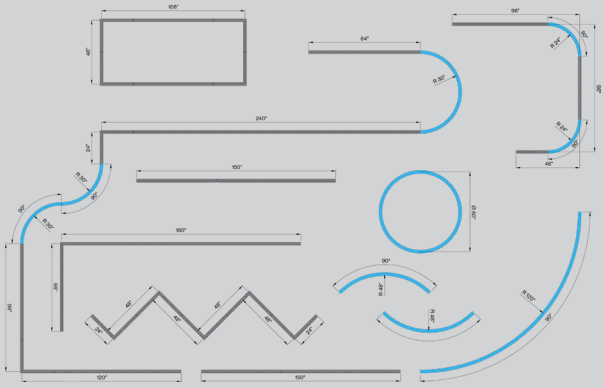
PERFORMANCE
- Up to 123lm/W
- 200 – 900 delivered lm/ft
- CRI > 80 & CRI > 90
- Damp rated
- Customizable



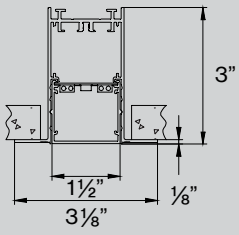
COMPATIBLE CONTROLS & FEATURES
ATHENA WIRELESS NODE by LUTRON · nLIGHT · SENSOR READY · consult factory

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
RECESSED trimless



Catalog Number Example

CURVE 1.5-RTL-WH-OP-35K-C90-UNV-010V-SEN-0400LF-SC-RA-60IN-A180-BAA

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

A RANGE

CURVE 1.5	CURVE1.5

B MOUNTING

Recessed trimless	RTL

C COLOR

White	WH
Black	BL
Gray	GR
Custom color RAL	XX

recessed version available in white only

D LENS

HP opal cover	OP

E CCT

2700 K	27K
3000K	30K
3500K	35K
4000K	40K
Custom CCT	XXK

F CRI

CRI > 80	C80
CRI > 90	C90

Electrical attributes

G VOLTAGE

120V / 277V	UNV

H DIMMING

0-10V 1% dimming	010V
DALI	DALI
Lutron Digital Dim	LTD
Power over ethernet consult factory	POEC
Custom dimming consult factory	XXXX

I CONTROLS

No Controls	
Lutron Athena compatible	LUTA
nLight compatible	NLT
Integrated Sensor consult factory	SEN
Custom Controls consult factory	XXXX

*leave blank

J OUTPUT

400lm/ft 3.9W	0400LF
600lm/ft 5.6W	0600LF
800lm/ft 7.5W	0800LF
Custom lm/ft*	XXXXLF

*custom lumen from 200 up to 900 lm/ft

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

K CIRCUIT / EM

Single circuit	SC

EMC or EMP not available

L RADIUS IN INCH

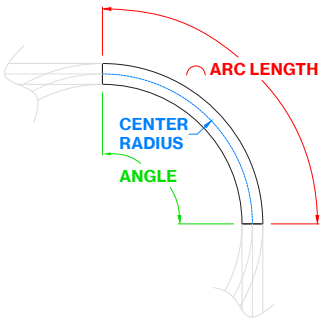
18"	RA-18IN
24"	RA-24IN
30"	RA-30IN
36"	RA-36IN
48"	RA-48IN
60"	RA-60IN
120"	RA-120IN

for custom radii, please contact customer service

M ANGLE

22.5° *	A22
45° ≥ R36" only	A45
90°	A90
180°	A180
Custom angle	AXXX

* ≥ R1 20" only; for custom angles, please contact customer service



N CERTIFICATION

No Certification	*
BAA Compliant	BAA
BABA Compliant	BABA
Red List Approved	DRLA

*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

DIRECT (CRI90)

90°



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	14.0	107	800	18.8	107
R 24"	90	3.1	96	3	400	11.7	103	600	16.8	107	800	22.5	107
R 30"	90	3.9	128	4	400	15.6	103	600	22.4	107	800	30.0	107
R 36"	90	4.7	160	5	400	19.5	103	600	28.0	107	800	37.5	107
R 48"	90	6.3	192	6	400	23.4	103	600	33.6	107	800	45.0	107
R 60"	90	7.9	256	8	400	31.2	103	600	44.8	107	800	60.0	107

for 30 K or 35 K multiply lm value by 0.96

45°

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	11.2	107	800	15.0	107
R 36"	45	2.4	120	2.5	400	9.8	103	600	14.0	107	800	18.8	107
R 48"	45	3.1	144	3	400	11.7	103	600	16.8	107	800	22.5	107
R 60"	45	3.9	192	4	400	15.6	103	600	22.4	107	800	30.0	107
R 120"	45	7.9	384	8	400	31.2	103	600	44.8	107	800	60.0	107

for 30 K or 35 K multiply lm value by 0.96

22.5°

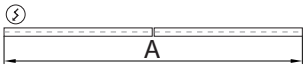
RADIUS SIZE	ANGLE	ARCLEN MECH	LEDs	ARCLEN EL	LUMEN OUTPUT (LM/FT)	POWER INPUT(W)	EFFICACY (LM/W)	LUMEN OUTPUT (LM/FT)	POWER INPUT(W)	EFFICACY (LM/W)	LUMEN OUTPUT (LM/FT)	POWER INPUT(W)	EFFICACY (LM/W)
R 60"	22.5	2.0	64	2	400	7.8	103	600	11.2	107	800	15.0	107
R 120"	22.5	3.9	128	4	400	15.6	103	600	22.4	107	800	30.0	107

for 30 K or 35 K multiply lm value by 0.96

Patterns with BASO 1.5 top view

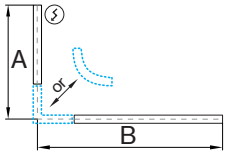
LINEAR

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



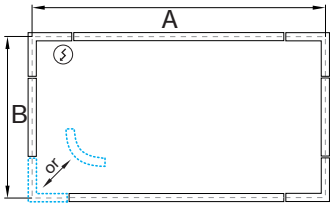
L-SHAPE / J-SHAPE

A / B	FIXTURES	CODE
48" /48"	2 × 24" linear + 1 × 24"×24" corner or R 24" 90° curve	#S - 48X48 IN
48" /96"	1 × 24" linear + 1 × 72" linear + 1 × 24"×24" corner or R 24" 90° curve	#S - 48X96 IN
96" /96"	2 × 72" linear + 1 × 24"×24" corner or R 24" 90° curve	#S - 96X96 IN



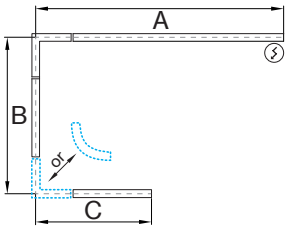
□-SHAPE / O-SHAPE

A / B	FIXTURES	CODE
48" / 48"	4 × 24"×24" corner or R 24" 90° curve	#S - 48X48 IN
48" / 96"	2 × 48" linear + 4 × 24"×24" corner or R 24" 90° curve	#S - 48X96 IN
96" / 96"	4 × 48" linear + 4 × 24"×24" corner or R 24" 90° curve	#S - 96X96 IN



U-SHAPE / C-SHAPE

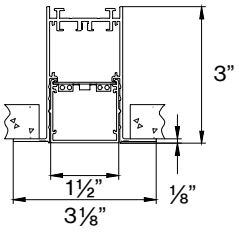
A / B / C	FIXTURES	CODE
48" /48" /48"	2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve	#S - 48X48X48 IN
48" /96" /48"	1 × 48" linear + 2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve	#S - 48X96X48 IN
48" /144" /48"	1 × 96" linear + 2 × 24" linear + 2 × 24"×24" corner or R 24" 90° curve	#S - 48X144X48 IN



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"

RECESSED trimless

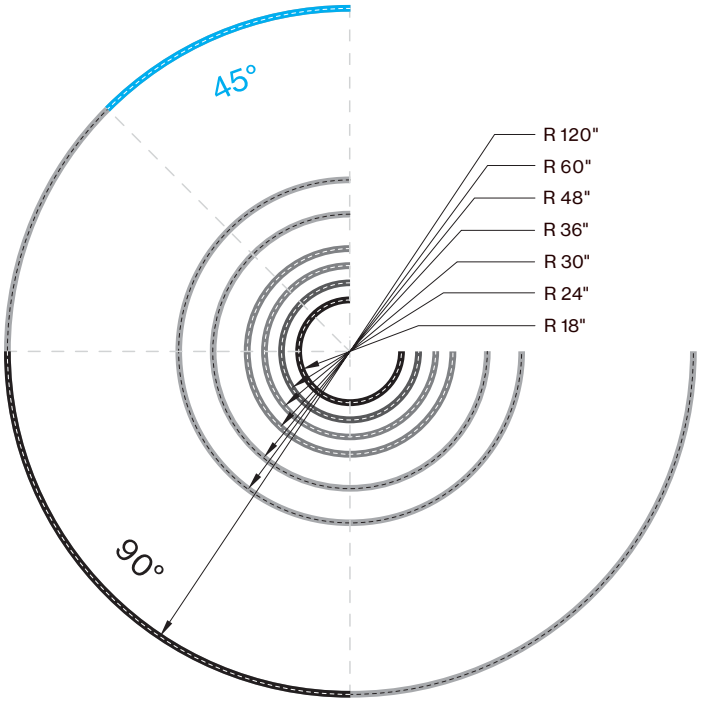


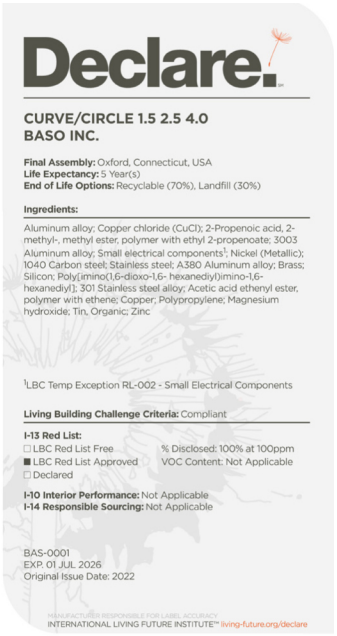
FOR FIXTURES THAT ARE NOT FULL CIRCLE

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