

CURVE 1.5

DIRECT



CERTIFICATIONS & COMPLIANCE

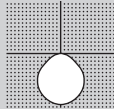


FEATURES



PERFORMANCE

- Up to 106lm/W efficiency
- Max lumen output of 1000lm/ft
- CRI > 80 & CRI > 90
- Damp rated



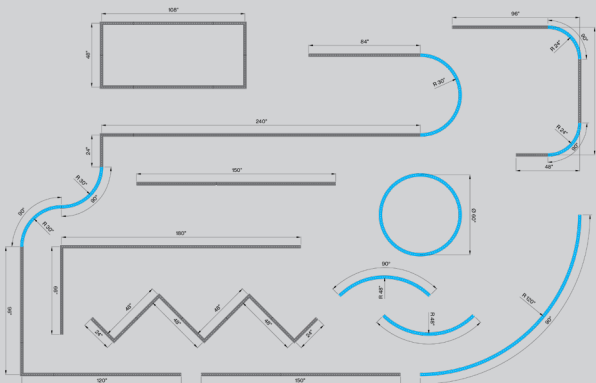
MOUNTING

Recessed



WHAT SHAPES YOU?

Combines with the BASO 1.5 system components



Catalog Number Example

CURVE 1.5-RTL-WH-OP-35K-C90-UNV-010V-0500LF-SC-RA-60IN-A180



A RANGE

CURVE 1.5 CURVE 1.5

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

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% 010V
Power over ethernet POEC
consult customer service for compatibility

I OUTPUT LM/FT

500lm/ft 100% 0500LF
750lm/ft 100% 0750LF
Custom lm/ft XXXXLF

J CIRCUIT / EM

Single circuit SC
EMC or EMP not available

K RADIUS IN INCH

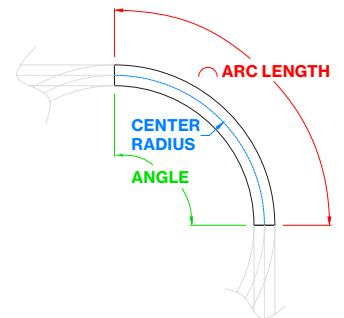
18" RA - 18IN
24" RA - 24IN
30" RA - 30IN
36" RA - 36IN
48" RA - 48IN
60" RA - 60IN
120" RA - 120IN

for custom radii, please contact customer service

L ANGLE

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

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



Technical data

DIRECT

	RADIUS SIZE	ANGLE	ARC LEN MECH	LEDs	ARC LEN 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)
90° 	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		600	17.7		800	24.6	
	R 30"	90	3.9	128	4	400	15.6		600	23.6		800	32.8	
	R 36"	90	4.7	160	5	400	19.5		600	29.5		800	41	
	R 48"	90	6.3	192	6	400	23.4		600	35.4		800	49.2	
	R 60"	90	7.9	256	8	400	31.2		600	47.2		800	65.6	
for 30 K or 35 K multiply lm value by 0.96														
	RADIUS SIZE	ANGLE	ARC LEN MECH	LEDs	ARC LEN 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)
45°	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		600	14.8		800	22.3	
	R 48"	45	3.1	144	3	400	11.7		600	17.7		800	26.7	
	R 60"	45	3.9	192	4	400	15.6		600	23.6		800	35.6	
	R 120"	45	7.9	384	8	400	31.2		600	47.2		800	71.2	
for 30 K or 35 K multiply lm value by 0.96														
	RADIUS SIZE	ANGLE	ARC LEN MECH	LEDs	ARC LEN 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)
22.5°	R 60"	22.5	2.0	64	2	400	7.8	103	600	11.8	102	800	16.4	98
	R 120"	22.5	3.9	128	4	400	15.6		600	23.6		800	32.8	
for 30 K or 35 K multiply lm value by 0.96														

Patterns with BASO 1.5 top view

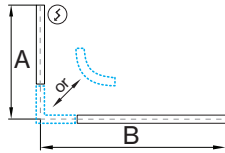
LINEAR

A	FIXTURES	CODE
48"	1 × 4' linear	ST - 4 8 I N
96"	1 × 8' linear	ST - 9 6 I N
144"	3 × 4' linear	ST - 1 4 4 I N



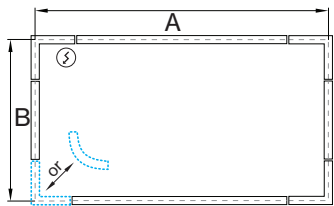
L-SHAPE / J-SHAPE

A / B	FIXTURES	CODE
48" / 48"	2 × 24" linear + 1 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 4 8 I N
48" / 96"	1 × 24" linear + 1 × 72" linear + 1 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 9 6 I N
96" / 96"	2 × 72" linear + 1 × 24" × 24" corner or R 24" 90° curve	# S - 9 6 X 9 6 I N



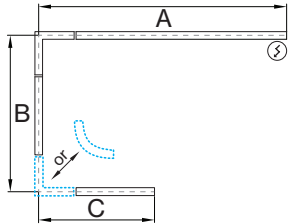
□-SHAPE / O-SHAPE

A / B	FIXTURES	CODE
48" / 48"	4 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 4 8 I N
48" / 96"	2 × 48" linear + 4 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 9 6 I N
96" / 96"	4 × 48" linear + 4 × 24" × 24" corner or R 24" 90° curve	# S - 9 6 X 9 6 I N



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 - 4 8 X 4 8 X 4 8 I N
48" / 96" / 48"	1 × 48" linear + 2 × 24" linear + 2 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 9 6 X 4 8 I N
48" / 144" / 48"	1 × 96" linear + 2 × 24" linear + 2 × 24" × 24" corner or R 24" 90° curve	# S - 4 8 X 1 4 4 X 4 8 I N



FULL CIRCLE DIMENSIONS

NOMINAL	ON-CENTER RADIUS	ON-CENTER DIAMETER	OUTSIDE DIAMETER	OUTSIDE CIRCUMFER.
Ø 36"	18"	Ø 36"	Ø 38 ³ / ₈ "	120 ⁹ / ₁₆ "
Ø 48"	24"	Ø 48"	Ø 50 ³ / ₈ "	158 ¹ / ₄ "
Ø 60"	30"	Ø 60"	Ø 62 ³ / ₈ "	196"
Ø 72"	36"	Ø 72"	Ø 74 ³ / ₈ "	233 ⁵ / ₈ "
Ø 96"	48"	Ø 96"	Ø 92 ³ / ₈ "	306"
Ø 120"	60"	Ø 120"	Ø 122 ³ / ₈ "	384 ⁷ / ₁₆ "
Ø 240"	120"	Ø 240"	Ø 242 ³ / ₈ "	761 ⁷ / ₁₆ "

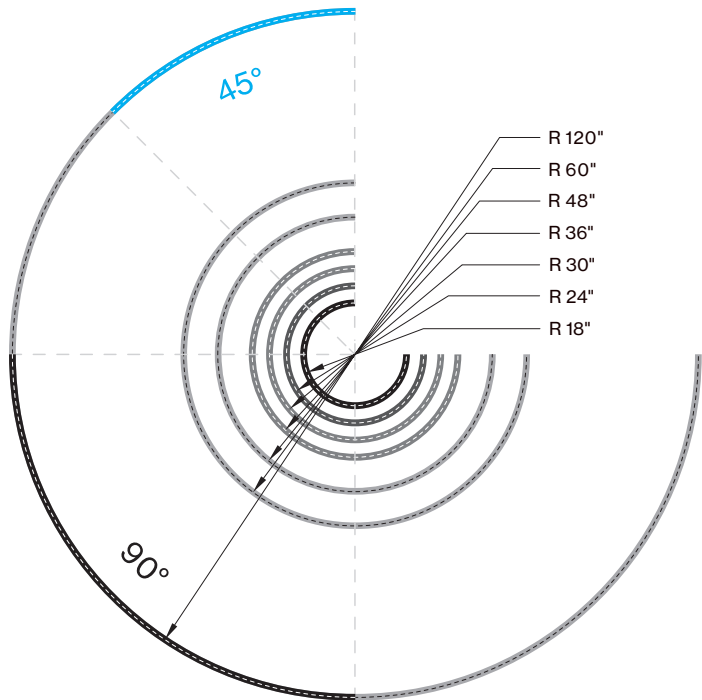
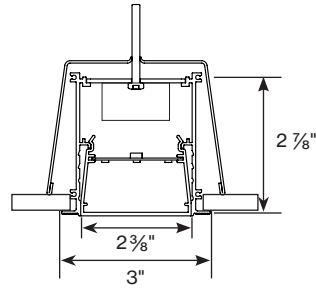
FOR FIXTURES THAT ARE NOT FULL CIRCLE

L total = L channel + ¹/₈" in total for two endcaps

FOR FIXTURES THAT ARE FULL CIRCLE

L total = L channel

RECESSED trimless



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; Copper chloride (CuCl₂); 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Steel manufacture, chemicals; Unnamed Substance¹; Nickel (Metallic); Brass; Silicon; Poly(imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy); Acetic acid ethyl ester, polymer with ethene; Copper; Polypropylene; Magnesium hydroxide; Tin; Organic; Zinc

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria: Compliant

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

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

BAS-0001
EXP. 01 MAY 2025
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>

