

CURVE 2.5

DIRECT



CERTIFICATIONS & COMPLIANCE

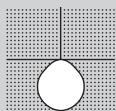


FEATURES



PERFORMANCE

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



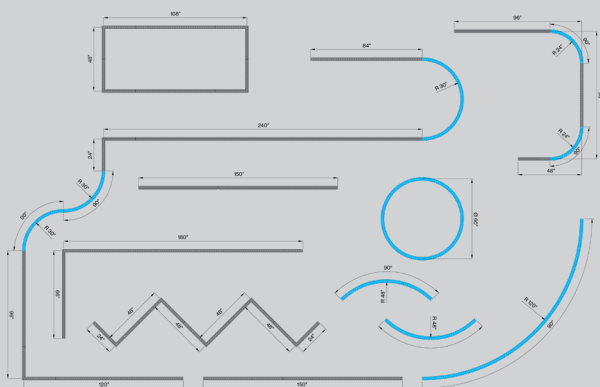
MOUNTING

Recessed



WHAT SHAPES YOU?

Combines with the BASO 2.5 system components



Catalog Number Example

CURVE 2.5-RTL-WH-OP-35K-C90-UNV-010V-0500LF-SC-RA-60IN-A180



A RANGE

CURVE 2.5 CURVE 2.5

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 XK

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 INCHES

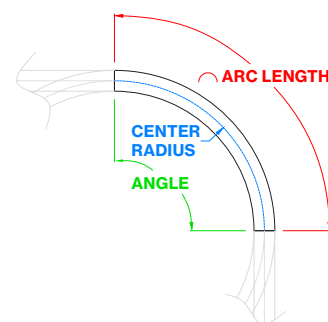
18" RA - 18IN
24" RA - 24IN
30" RA - 30IN
36" RA - 36IN
48" RA - 48IN
60" RA - 60IN
120" RA - 120IN
Custom radii RA - XXXIN

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	120	2.5	500	10.3	122	750	15.8	119	1000	22.3	112
	R 24"	90	3.1	144	3	500	12.3		750	18.9		1000	26.7	
	R 30"	90	3.9	192	4	500	16.4		750	25.2		1000	35.6	
	R 36"	90	4.7	240	5	500	20.5		750	31.5		1000	44.5	
	R 48"	90	6.3	288	6	500	24.6		750	37.8		1000	53.4	
	R 60"	90	7.9	384	8	500	32.8		750	50.4		1000	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)
45° 	R 30"	45	2.0	96	2	500	8.2	122	750	12.6	119	1000	17.8	112
	R 36"	45	2.4	120	2.5	500	10.3		750	15.8		1000	22.3	
	R 48"	45	3.1	144	3	500	12.3		750	18.9		1000	26.7	
	R 60"	45	3.9	192	4	500	16.4		750	25.2		1000	35.6	
	R 120"	45	7.9	384	8	500	32.8		750	50.4		1000	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	96	2	500	8.2	122	750	12.6	119	2000	17.8	112
	R 120"	22.5	3.9	192	4	500	16.4		750	25.2		4000	35.6	
for 30 K or 35 K multiply lm value by 0.96														

Patterns with BASO 2.5 top view

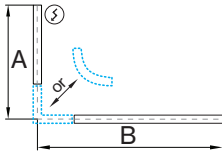
LINEAR

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



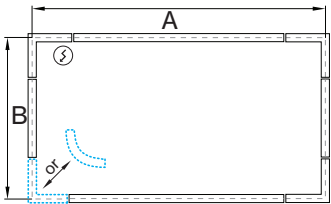
L-SHAPE / J-SHAPE

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



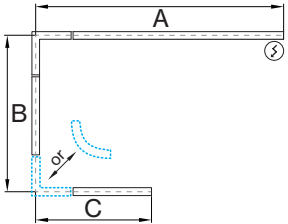
□-SHAPE / O-SHAPE

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



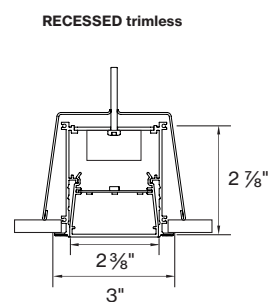
U-SHAPE / C-SHAPE

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 + $\frac{1}{8}$ " in total for two endcaps

FOR FIXTURES THAT ARE FULL CIRCLE

$$L_{\text{total}} = L_{\text{channel}}$$

Declare.

CURVE/CIRCLE 1.5 2.5 4.0
BASO INC.

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

Ingredients:

Aluminum alloy; Copper chloride (CuCl₂); 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; 3003 Aluminum alloy; Small electrical components; Nickel (Metallic); 1040 Carbon steel; Stainless steel; A380 Aluminum alloy; Brass; Silicon; Poly(methyl 6-dioxo-1,6-hexadienylimino-1,6-hexanediyl); 301 Stainless steel alloy; Acetic acid ethenyl ester, polymer with ethene; Copper; Polypropylene; Aluminum hydroxide; Tin; Aluminum; Zinc

¹LBC 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 Interim Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

BA5-0001
EXP 01 JUL 2026
Original Issue Date: 2022

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CURVE mounting instructions

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