

CURVE 2.5

DIRECT



CERTIFICATIONS & COMPLIANCE

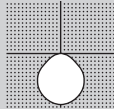


FEATURES



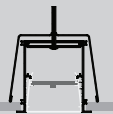
PERFORMANCE

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



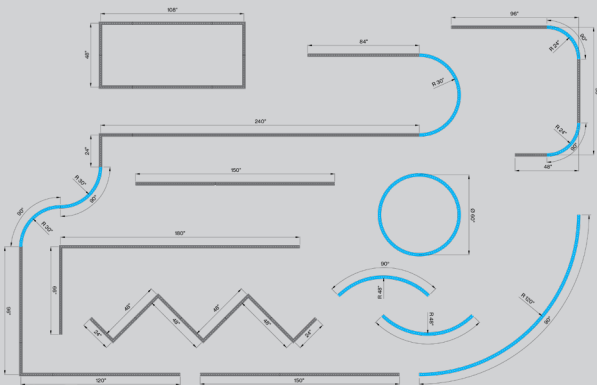
MOUNTING

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 B C D E F G H I J K L

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

for custom radii, please contact customer service

L ANGLE

22.5° * A22
 45° ≥ R36" only A45
 67.5° * A67
 90° A90
 112.5° * A112
 135° A135
 157.5° * A157
 180° A180
 202.5° * A202
 225° A225
 247.5° * A247
 270° A270
 292.5° * A292
 315° A315
 337.5° * A337

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

Technical data

DIRECT



90°	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)
	R 18"	90	2.4	120	2.5	1250	10.3	122	1875	15.8	119	2500	22.3	112
	R 24"	90	3.1	144	3	1500	12.3		2250	18.9		3000	26.7	
	R 30"	90	3.9	192	4	2000	16.4		3000	25.2		4000	35.6	
	R 36"	90	4.7	240	5	2500	20.5		3750	31.5		5000	44.5	
	R 48"	90	6.3	288	6	3000	24.6		4500	37.8		6000	53.4	
	R 60"	90	7.9	384	8	4000	32.8		6000	50.4		8000	71.2	

for 30 K or 35 K multiply lm value by 0.96

45°	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)
	R 30"	45	2.0	96	2	1000	8.2	122	1500	12.6	119	2000		112
	R 36"	45	2.4	120	2.5	1250	10.3		1875	15.8		2500	22.3	
	R 48"	45	3.1	144	3	1500	12.3		2250	18.9		3000	26.7	
	R 60"	45	3.9	192	4	2000	16.4		3000	25.2		4000	35.6	
	R 120"	45	7.9	384	8	4000	32.8		6000	50.4		8000	71.2	

for 30 K or 35 K multiply lm value by 0.96

22.5°	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)
	R 60"	22.5	2.0	96	2	1000	8.2	122	1500	12.6	119	2000	17.8	112
	R 120"	22.5	3.9	192	4	2000	16.4		3000	25.2		4000	35.6	

for 30 K or 35 K multiply lm value by 0.96

DIMENSIONS

Patterns with BASO 2.5 top view

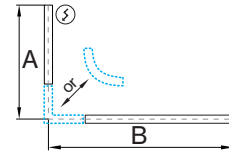
LINEAR

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



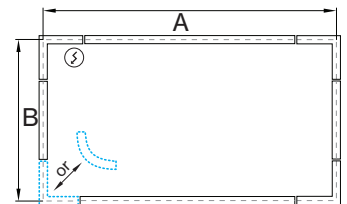
L-SHAPE / J-SHAPE

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



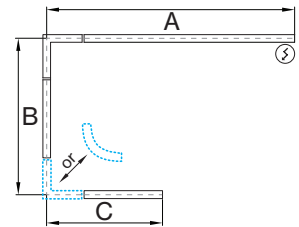
□-SHAPE / O-SHAPE

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



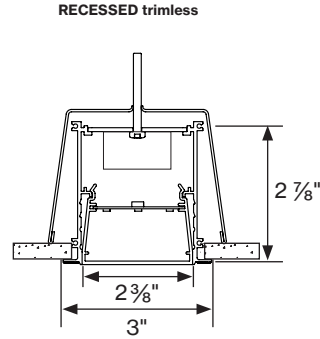
U-SHAPE / C-SHAPE

A / B / C	FIXTURES	CODE
48" / 48" / 48"	2 × 24" linear + 2 × 24" × 24" corner or R 24" 90° curve	# S - 48 X 48 X 48 I N
48" / 96" / 48"	1 × 48" linear + 2 × 24" linear + 2 × 24" × 24" corner or R 24" 90° curve	# S - 48 X 96 X 48 I N
48" / 144" / 48"	1 × 96" linear + 2 × 24" linear + 2 × 24" × 24" corner or R 24" 90° curve	# S - 48 X 144 X 48 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"

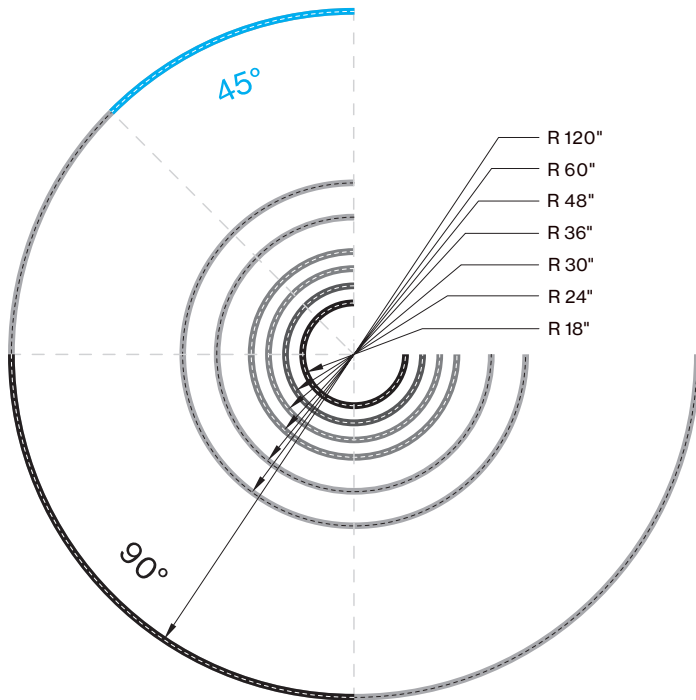


FOR FIXTURES THAT ARE NOT FULL CIRCLE

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

FOR FIXTURES THAT ARE FULL CIRCLE

L total = L channel



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-Propanoic 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 ethane; 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
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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>

