

BASO 1.5

PERIMETER

CERTIFICATIONS & COMPLIANCE

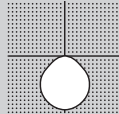


FEATURES



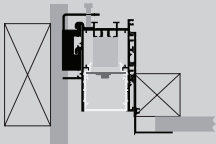
PERFORMANCE

- Up to 106lm/W efficiency
- 455 / 750lm/ft
- CRI > 80 & CRI > 90
- IC & Damp rated



MOUNTING

Perimeter



PATTERNS



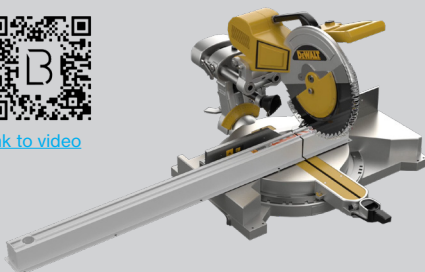
*X Shapes Angular

FIELD-CUTTABLE FLEX

Down to 1/16"



[link to video](#)



Catalog Number Example

BASO 1.5-PM-RTR-BL-OP-TR-30K-C80-UNV-010V-SEN-0400LF-NLC-ST-96IN

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

A RANGE

BASO 1.5 BASO 1.5

B SUB CATEGORY

Perimeter PM

C MOUNTING

Recessed trimless	R T L
Recessed with trim	R T R
Armstrong Suprafine 9/16" G	A 9 G
Armstrong Interlude 9/16" SG	A 9 S
Armstrong Silhouette 9/16" BSG	A 9 S
Armstrong Prelude 15/16" G	A 1 5
9/16" Grid (any brand)	G R D
9/16" Slot Grid (any brand)	G R D
15/16" Grid (any brand)	G R D
Custom	X X X

D COLOR

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

trimless version available in white only

E LENS REGRESSION

HP opal cover flush	O P
HP opal cover 1" regressed	O 1
HP opal cover 2" regressed	O 2

fixture depth is field-adjustable

F END CAP DETAIL

Trim endcap (RTR only)	T R
Trimless endcap - wall to wall	T L
Invisible endcap - wall to wall	I N

G CCT

2700K	2 7 K
3000K	3 0 K
3500K	3 5 K
4000K	4 0 K

H CRI

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

I VOLTAGE

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

J DIMMING

0-10V 1%	0 1 0 V
Lutron EcoSystem	L E S 1
Quantum, Vive, GRAFIK Eye, HomeWorks	
Power over ethernet	P O E C
consult customer service for compatibility	
Custom dimming	X X X X
consult customer service for compatibility	

K SENSOR (optional)

Integrated Sensor	S E N
consult customer service for sensor request	

J OUTPUT LM/FT

400lm/ft 100% ±	0 4 0 0 L F
600lm/ft 100% ±	0 6 0 0 L F
800lm/ft 100% ±	0 8 0 0 L F
Custom lm/ft	X X X X L F
custom lumen up to 1000 lm/ft	

M CIRCUIT / EM

Single circuit	*
EMC night light circuit	N L C
EMB available in 4ft and 8ft	E M #
EMB is not field-cuttable	
* leave blank	

N SHAPE / PATTERN

Linear / straight	S T
L-shape	L S
□-shape (rectangular shape)	R S
U-shape	U S
Custom shape	X X

for grid applications using L-shape, rectangular shape or U-shape, please contact customer service for availability

O DIMENSIONS IN INCH

Linear 2'	2 4 I N
Linear 4'	4 8 I N
Linear 6'	7 2 I N
Linear 8'	9 6 I N
Linear custom	## # I N
L-Shape	## # X ## # I N
U-Shape	## # X ## # X ## # I N
□-Shape	## # X ## # I N

*Custom length in 1/16" increments, grazer optic will be only available in 3" increments, the rest will be filled with field cuttable blind covers (each end)

P CERTIFICATION (optional)

Chicago Plenum	C C E A
----------------	---------

BASO
basolighting.com

CS-V01

02/2026

Technical data

BASO 1.5 DIRECT

LUMEN OUTPUT MULTIPLIER*

Color Temperature

CRI

Delivered Lumens	CCT	CRI	Input Watts	Luminaire Efficacy	4000K	80+	90+
400 lm/ft ↕	4000K	CRI > 80	3.9 W/ft	103 lm/W	3500K	1	0.86
600 lm/ft ↕	4000K	CRI > 80	5.9 W/ft	102 lm/W	3000K	0.96	0.84
800 lm/ft ↕	4000K	CRI > 80	8.2 W/ft	98 lm/W	2700K	0.95	0.82
						0.91	0.78

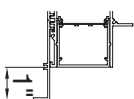
Perimeter depth

field adjustable

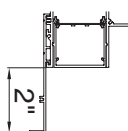
FLUSH



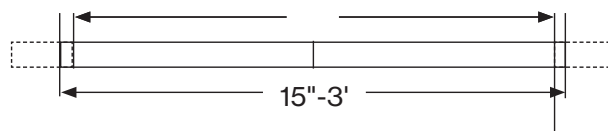
REGRESSED 1"



REGRESSED 2"

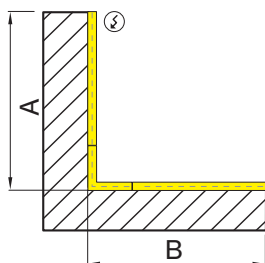


Linear Example

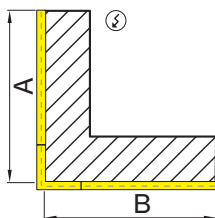


Patterns top view

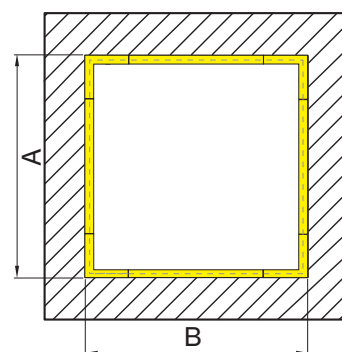
L-SHAPE inside corner



L-SHAPE outside corner

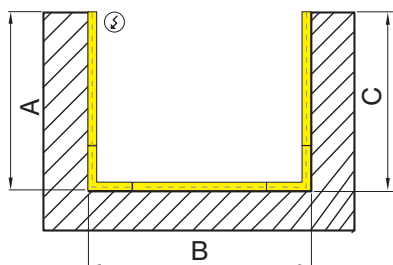


□-SHAPE inside corner

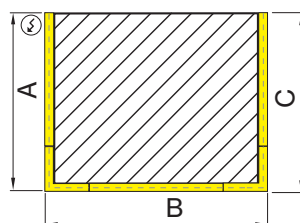


A / B	FIXTURES	CODE
48" / 48"	2 × 2' linear + 1 × 2' × 2' corner	0 4 X 0 4 F T
48" / 96"	1 × 2' linear + 1 × 6' linear + 1 × 2' × 2' corner	0 4 X 0 8 F T
96" / 96"	2 × 6' linear + 1 × 2' × 2' corner	0 8 X 0 8 F T

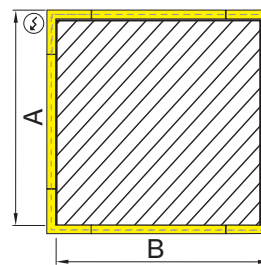
U-SHAPE inside corner



U-SHAPE outside corner



□-SHAPE outside corner



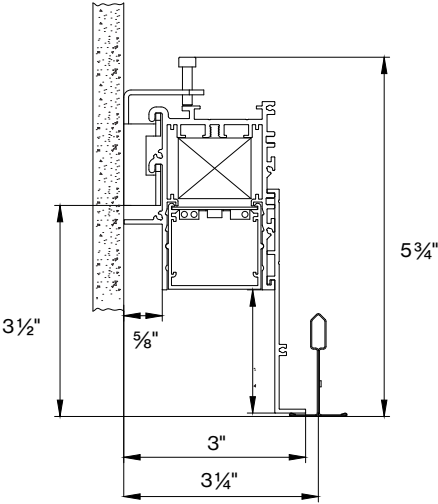
A / B / C	FIXTURES	CODE
48" / 48" / 48"	2 × 2' linear + 2 × 2' × 2' corner	0 4 X 0 4 X 0 4 F T
48" / 96" / 48"	1 × 4' linear + 2 × 2' linear + 2 × 2' × 2' corner	0 4 X 0 8 X 0 4 F T
48" / 144" / 48"	1 × 8' linear + 2 × 2' linear + 2 × 2' × 2' corner	0 4 X 1 2 X 0 4 F T

A / B	FIXTURES	CODE
48" / 48"	4 × 2' × 2' corner	0 4 X 0 4 F T
48" / 96"	2 × 4' linear + 4 × 2' × 2' corner	0 4 X 0 8 F T
96" / 96"	4 × 4' linear + 4 × 2' × 2' corner	0 8 X 0 8 F T

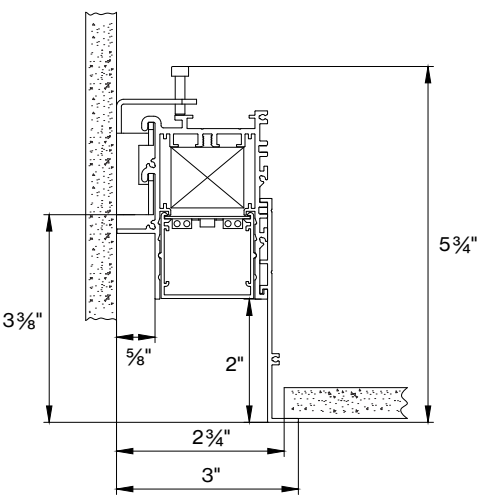
DIMENSIONS

BASO 1.5 PERIMETER

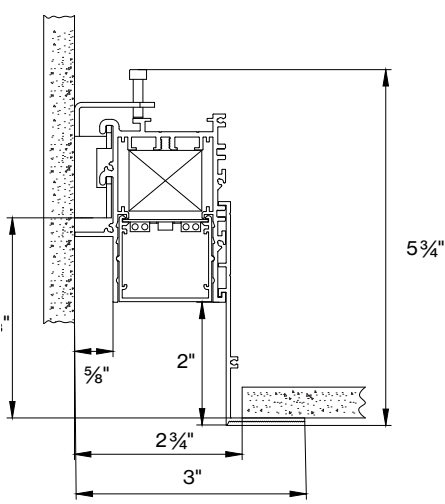
trimless



trim



permieter grid



Declare.

BASO 1.5 2.5 4.0
BASO INC.

Final Assembly: Colton, Connecticut, USA
Life Expectancy: 7 Years
End of Life Options: Recyclable (80%), Landfill (20%)

Ingredients

Aluminum alloy (Small electrical components) 2 Phosphate acid,
2 methyl methacrylate polymer with ethyl 2 acrylate,
Copper chloride (CuCl₂), Stainless steel (Type 304) or (Type 316)
Infrared (Infrared) Copper, 301 Stainless steel
also: 304 Carbon steel, The Organic Silicon

1,3C Temp Exception RE-002 - Small Electrical Components

Living Building Challenge Criteria Compliant

1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

1-10 Red List 1-10 Red List 1-10 Red List 1-10 Red List

BASO mounting instructions

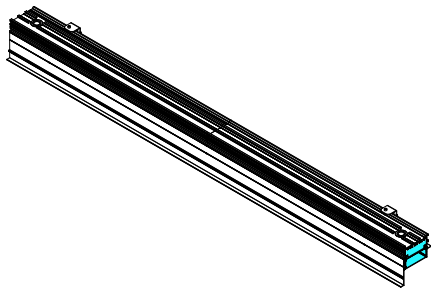
Get access to the BASO 1.5
mounting instructions faster by
scanning the QR code.

[https://www.basolighting.com/resources/
mounting-instructions/baso](https://www.basolighting.com/resources/mounting-instructions/baso)

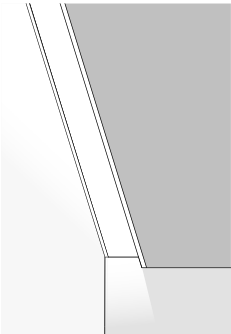


BASO 1.5 PERIMETER

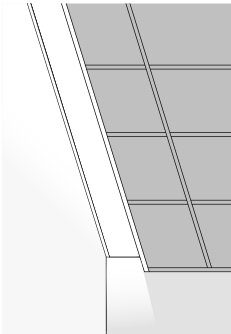
Invisible endcap



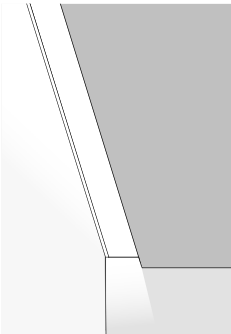
RTR



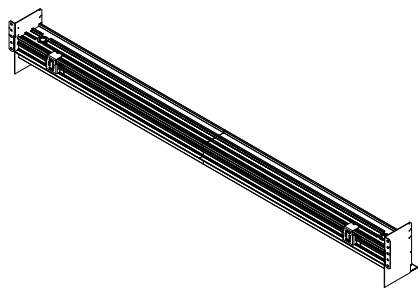
RTR (GRD)



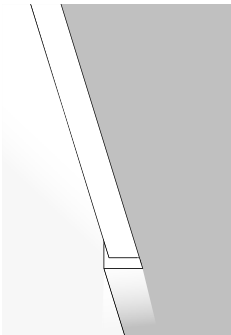
RTL



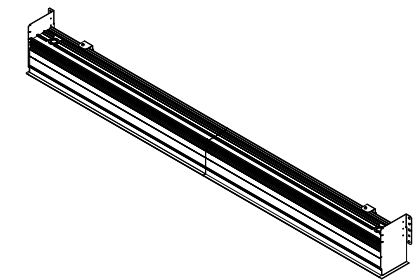
Trimless endcap



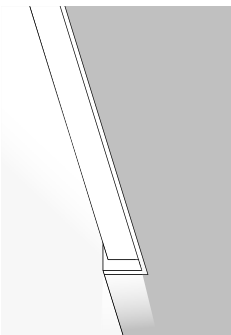
RTL



Trim endcap (RTR only)



RTR



RTR (GRD)

