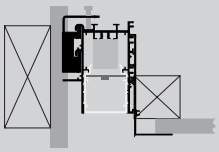
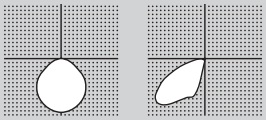
BASO 1.5
PERIMETER

5 YEAR limited led warranty

MOUNTING
Perimeter

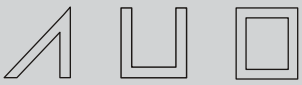


PERFORMANCE
- Up to 123lm/W
- 200 – 900 delivered lm/ft
- CRI > 80 & CRI > 90
- Damp rated
- Customizable



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

PATTERNS



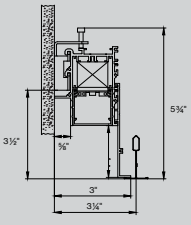
L-shape U-shape R-shape

FIELD-CUTTABLE FLEX
Down to 1/16"

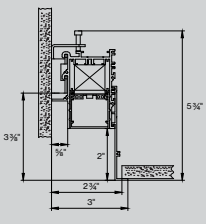
link to video

CERTIFICATIONS & COMPLIANCE
BAA BABA · cULus · RoHS compliant · Declare. RedList Approved · TITLE 24 JA8

DIMENSIONS



TRIMLESS



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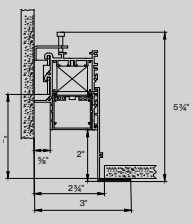


PERIMETER grid

Catalog Number Example

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

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

A RANGE

BASO 1.5	BASO1.5

B SUB CATEGORY

Perimeter	PM

C MOUNTING

Recessed trimless	RTL
Recessed with trim	RTR
Armstrong Suprafine 9/16" G	A9G
Armstrong Interlude 9/16" SG	A9S
Armstrong Silhouette 9/16" BSG	A9S
Armstrong Prelude 15/16" G	A15
9/16" Grid (any brand)	GRD
9/16" Slot Grid (any brand)	GRD
15/16" Grid (any brand)	GRD
Custom	XXX

D COLOR

White	WH
Black	BL
Gray	GR
Custom color RAL	XX

trimless version available in white only

E LENS REGRESSION

HP opal cover flush	OP
HP opal cover 1" regressed	O1
HP opal cover 2" regressed	O2
HP room fill cover flush	RP
HP room fill 1"	R1

fixture depth is field-adjustable

F END CAP DETAIL

Trim endcap (RTR only)	TR
Trimless endcap - wall to wall	TL
Invisible endcap - wall to wall	IN

G CCT

2700 K	27K
3000 K	30K
3500 K	35K
4000 K	40K
1800-4000K Tunable White	T1840
2700-6500K Tunable White	T2765

H CRI

CRI > 80	C80
CRI > 90	C90

I VOLTAGE

120V / 277V	UNV

J DIMMING

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

K CONTROLS

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

*leave blank

L OUTPUT

400 lm/ft 3.9W	0400LF
600 lm/ft 5.6W	0600LF
800 lm/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

M CIRCUIT / EM

Single circuit	*
EMC night light circuit	NLC
EMB available in 4ft and 8ft EMB is not field-cuttable	EM#

*leave blank

N PATTERNS

Linear / straight	ST
L-shape	LS
U-shape	US
R-shape	RS
Custom shape	XX

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

O DIMENSIONS IN INCH

Linear 2'	24IN
Linear 4'	48IN
Linear 6'	72IN
Linear 8'	96IN
Linear custom	###IN
L-Shape	###X###IN
U-Shape	###X###X###IN
R-Shape	###X###IN

*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

QS No Certification	*
Chicago Plenum	CCEA
BAA Compliant	BAA
BABA Compliant	BABA
Red List Approved	DRLA

*leave blank

BASO
basolighting.com

Technical data

BASO 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

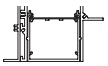
LUMEN OUTPUT MULTIPLIER*

Color Temperature	CRI 80+	CRI 90+
4000K	1	0.86
3500K	0.96	0.84
3000K	0.95	0.82
2700K	0.91	0.78

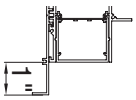
Perimeter depth

field adjustable

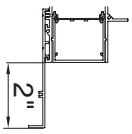
FLUSH



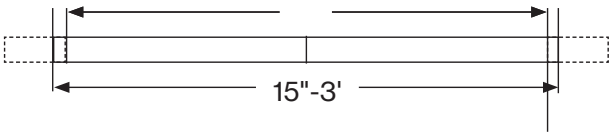
REGRESSED 1"



REGRESSED 2"

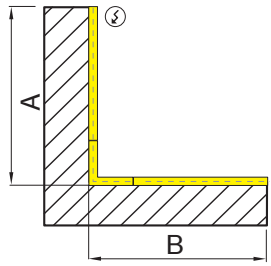


Linear Example

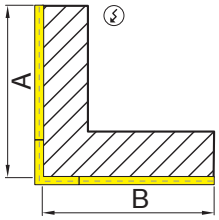


Patterns top view

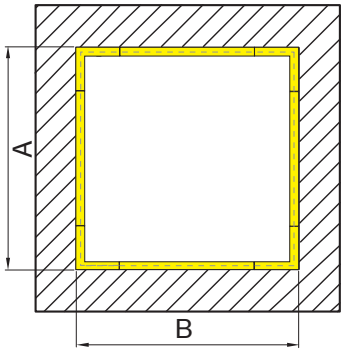
L-SHAPE inside corner



L-SHAPE outside corner

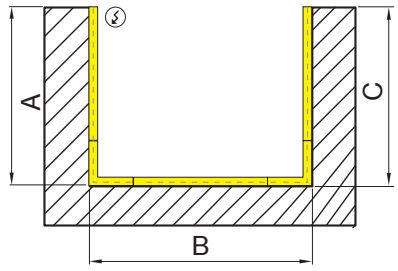


▯-SHAPE inside corner

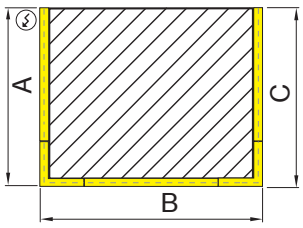


A / B	FIXTURES	CODE
48" /48"	2 × 2' linear + 1 × 2' × 2' corner	0 4 X 0 4 F T
48" /96"	1 × 2' linear + 1 × 6' linear + 1 × 2' × 2' corner	0 4 X 0 8 F T
96" /96"	2 × 6' linear + 1 × 2' × 2' corner	0 8 X 0 8 F T

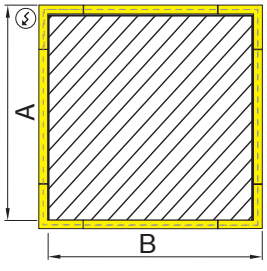
U-SHAPE inside corner



U-SHAPE outside corner



▯-SHAPE outside corner

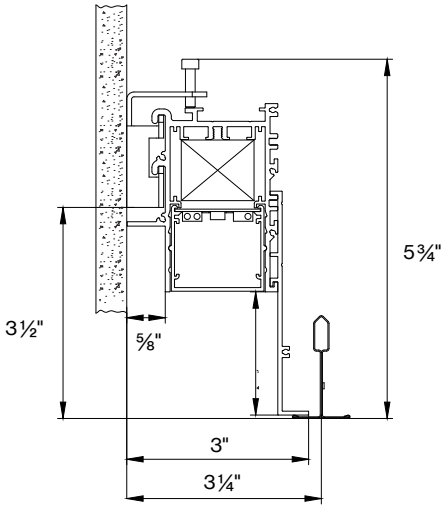


A / B / C	FIXTURES	CODE
48" /48" /48"	2 × 2' linear + 2 × 2' × 2' corner	0 4 X 0 4 X 0 4 F T
48" /96" /48"	1 × 4' linear + 2 × 2' linear + 2 × 2' × 2' corner	0 4 X 0 8 X 0 4 F T
48" /1 44" /48"	1 × 8' linear + 2 × 2' linear + 2 × 2' × 2' corner	0 4 X 1 2 X 0 4 F T

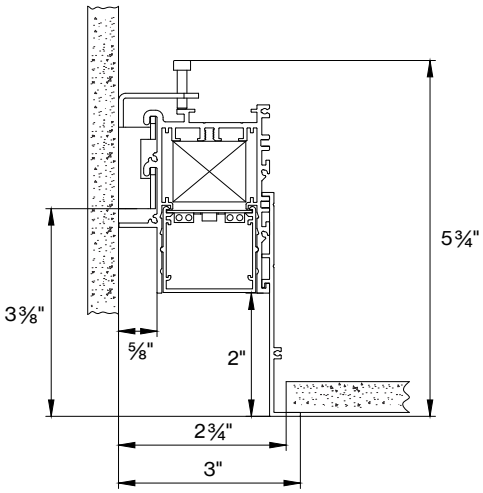
A / B	FIXTURES	CODE
48" / 48"	4 × 2' × 2' corner	0 4 X 0 4 F T
48" / 96"	2 × 4' linear + 4 × 2' × 2' corner	0 4 X 0 8 F T
96" / 96"	4 × 4' linear + 4 × 2' × 2' corner	0 8 X 0 8 F T

BASO 1.5 PERIMETER

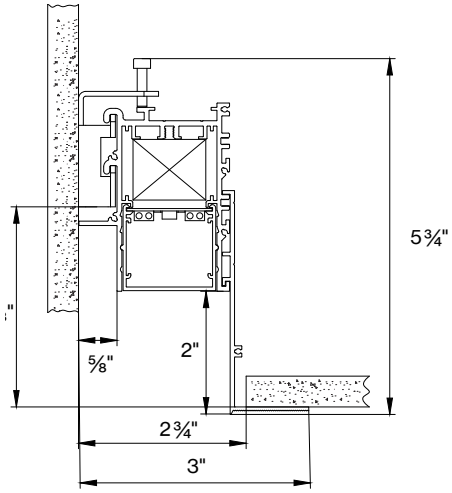
trimless



trim



perimeter grid



Declare.

BASO 1.5 2.5 4.0
BASO INC.

Final Assembly: Oxford, Connecticut, USA
Life Expectancy: 7 Year(s)
End of Life Options: Recyclable (80%), Landfill (20%)

Ingredients:

Aluminum alloy; Small electrical components[1]; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Copper chloride ($CuCl$); Stainless steel; Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl); Copper; 301 Stainless steel alloy; 1040 Carbon steel; Tin; Organic Silicon

[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-0002
EXP: 01 JAN 2027
Original Issue Date: 2023

CREATED WITH AND VERIFIED BY THE LABEL AUTHORITY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-futurism/declare

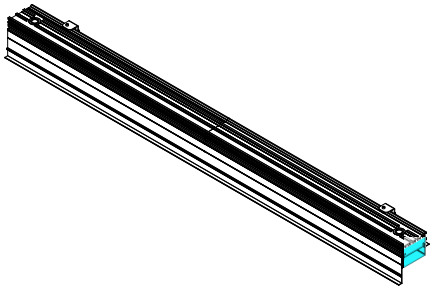
BASO mounting instructions

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

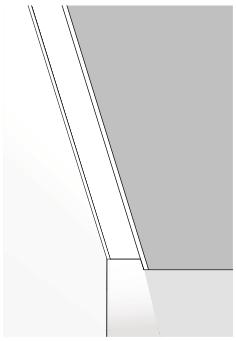
https://www.basolighting.com/resources/mounting-instructions/baso

BASO 1.5 PERIMETER

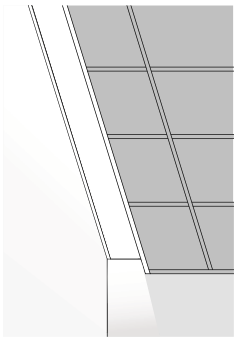
Invisible endcap



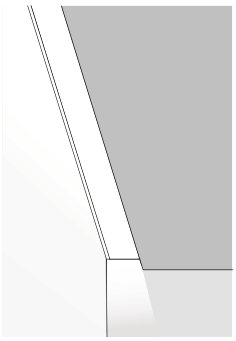
RTR



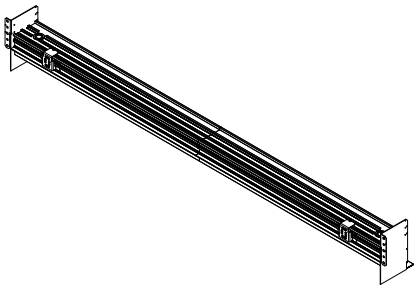
RTR (GRD)



RTL



Trimless endcap



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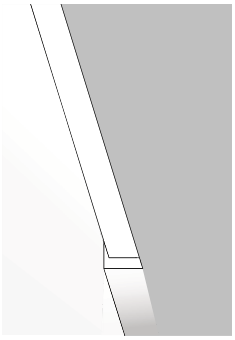
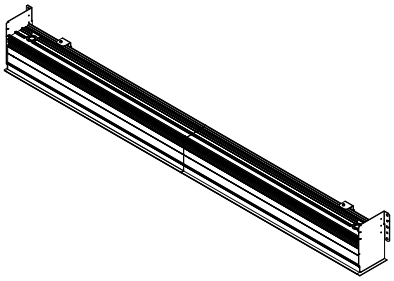
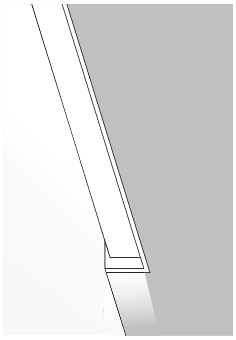
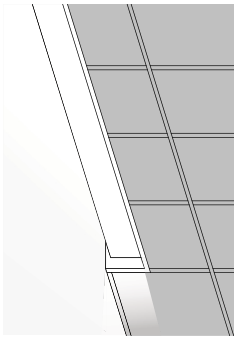


Trim endcap (RTR only)



RTR



RTR (GRD)