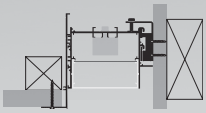
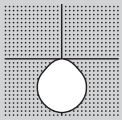
BASO 4.0
PERIMETER

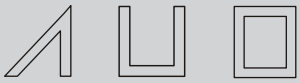
MOUNTING
Perimeter



PERFORMANCE
- Up to 117lm/W
- 200 – 1300 delivered lm/ft
- CRI > 80 & CRI > 90
- IC & Damp rated
- Customizable



COMPATIBLE CONTROLS & FEATURES
ATHENA WIRELESS NODE by LUTRON · hLIGHT · SENSOR READY · consult factory · QS QUICK SHIP

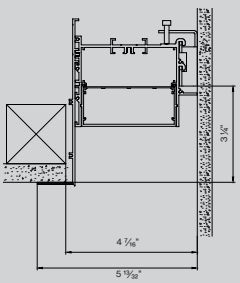
PATTERNS


L-shape U-shape R-shape

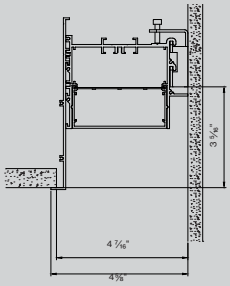
FIELD-CUTTABLE FLEX
Down to 1/16"

link to video

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

DIMENSIONS


TRIMLESS flush



TRIM flush

Catalog Number Example

5 YEAR limited led warranty

BASO 4.0-PM-RTR-BL-O2-TR-27K-C80-UNV-010V-SEN-0500LF-NLC-ST-24IN-BAA

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

A RANGE

BASO 4.0	B A S O 4 . 0

B SUB CATEGORY

Perimeter	P M

C MOUNTING

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

D COLOR

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

trimless version available in white only

E LENS REGRESSION

HP opal cover 2" regressed	O 2
HP opal cover 3" regressed	O 3
HP opal cover 4" regressed	O 4

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
QS 3000K	3 0 K
QS 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

QS 0-10V 1% dimming	0 1 0 V
DALI	D A L I
Lutron Digital Dim	L T D
Power over ethernet consult factory	P O E C
Custom dimming consult factory	X X X X

K CONTROLS

QS No Controls	*
Lutron Athena compatible	L U T A
nLight compatible	N L T
Integrated Sensor consult factory	S E N
Custom Controls consult factory	X X X X

*leave blank

L OUTPUT

QS 500 lm/ft 4.9W	0 5 0 0 L F
QS 750 lm/ft 7.4W	0 7 5 0 L F
QS 1000 lm/ft 9.8W	1 0 0 0 L F
Custom lm/ft*	X X X X L F

*custom lumen from 200 up to 1300 lm/ft

Efficiencies based on CRI90
CRI80 values are up to 15% more efficient

M CIRCUIT / EM

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

*leave blank

N PATTERNS

QS Linear / straight	S T
QS Linear / straight + flex inset	S F

includes 1ft. field-cuttable section; only available for 4' and 8' segments

L-shape	L S
U-shape	U S
R-shape	R 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
QS Linear 4'	4 8 I N
QS Linear 6'	7 2 I N
QS Linear 8'	9 6 I N
Linear custom	# # # I N
Linear flex inset	# # # I N

includes 4' to 3' field-cuttable section

L-Shape	# # # X # # # I N
U-Shape	# # # X # # # X # # # I N
R-Shape	# # # X # # # I N

for lengths including flex insets, round up to the nearest **total** foot length

P CERTIFICATION

QS No Certification	*
Chicago Plenum	C C E A
BAA Compliant	B A A
BABA Compliant	B A B A
Red List Approved	D R L A

*leave blank

BASO
basolighting.com

Technical data

BASO 4.0 DIRECT

Delivered Lumens	CCT	CRI	Input Watts	Luminaire Efficacy
500 lm/ft ↧	4000K	CRI > 80 / 90	4.3 / 4.9 W/ft	117 / 102 lm/W
750 lm/ft ↧	4000K	CRI > 80 / 90	6.4 / 7.4 W/ft	117 / 101 lm/W
1000 lm/ft ↧	4000K	CRI > 80 / 90	8.5 / 9.8 W/ft	117 / 102 lm/W

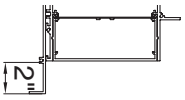
LUMEN OUTPUT MULTIPLIER*

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

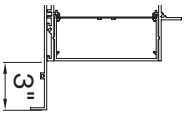
Perimeter depth

field adjustable

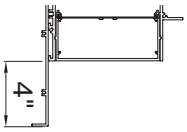
2" REGRESSED



3" REGRESSED

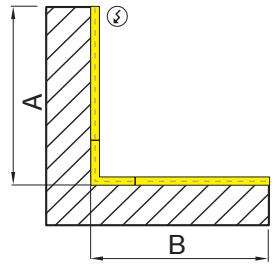


4" REGRESSED

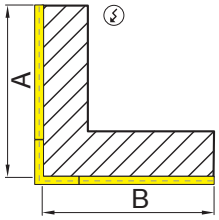


Patterns top view

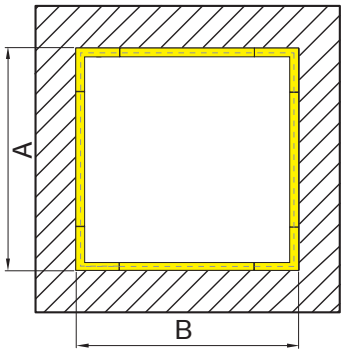
L-SHAPE inside corner



L-SHAPE outside corner

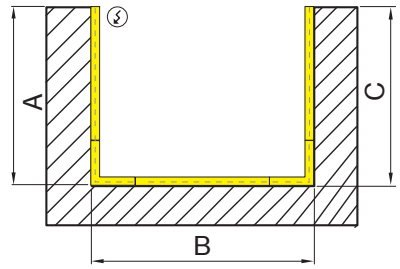


□-SHAPE inside corner

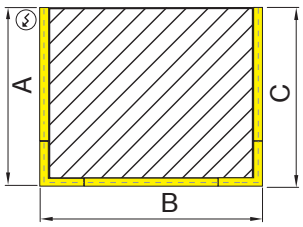


A / B	FIXTURES	CODE
48" /48"	2 × 2' linear + 1 × 2'×2' corner	0 4 X 0 4 F T
48" /96"	1 × 2' linear + 1 × 6' linear + 1 × 2'×2' corner	0 4 X 0 8 F T
96" /96"	2 × 6' linear + 1 × 2'×2' corner	0 8 X 0 8 F T

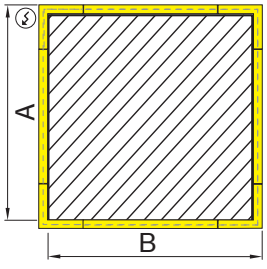
U-SHAPE inside corner



U-SHAPE outside corner



□-SHAPE outside corner

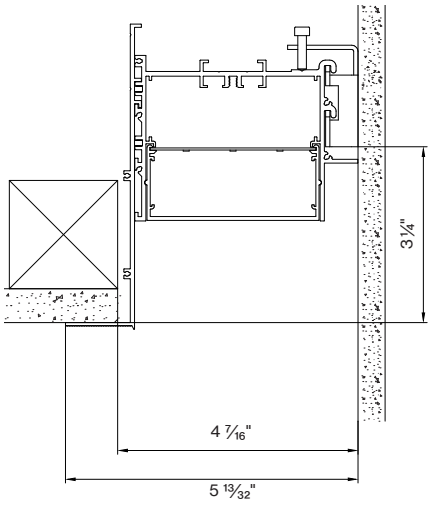


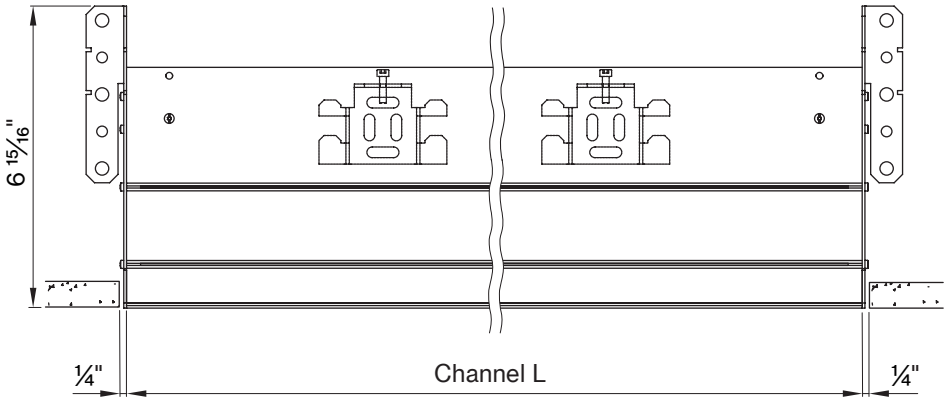
A / B / C	FIXTURES	CODE
48" /48" /48"	2 × 2' linear + 2 × 2'×2' corner	0 4 X 0 4 X 0 4 F T
48" /96" /48"	1 × 4' linear + 2 × 2' linear + 2 × 2'×2' corner	0 4 X 0 8 X 0 4 F T
48" /1 44" /48"	1 × 8' linear + 2 × 2' linear + 2 × 2'×2' corner	0 4 X 1 2 X 0 4 F T

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 4.0 PERIMETER

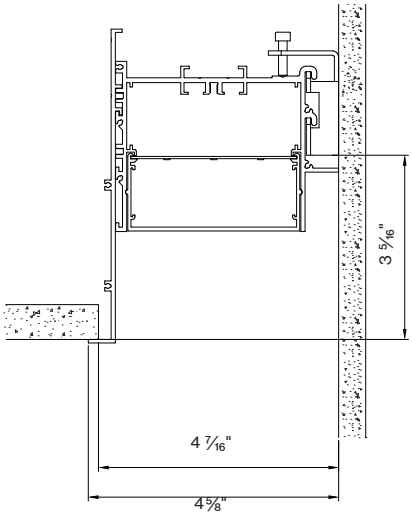
trimless flush

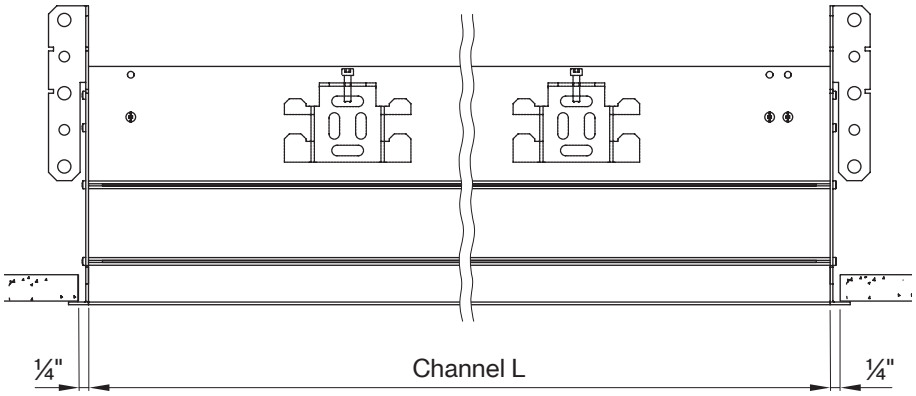




please see BASO 4.0 PERIMETER mounting instructions for 3" and 4" regressed dimensions

with trim flush





please see BASO 4.0 PERIMETER mounting instructions for 3" and 4" regressed dimensions

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

INTERNATIONAL LIVING FUTURE INSTITUTE™ living-futurism/declare

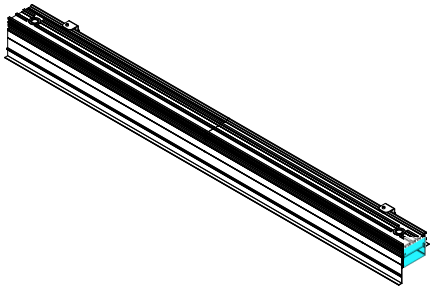
BASO mounting instructions

Get access to the BASO 4.0 mounting instructions faster by scanning the QR code.

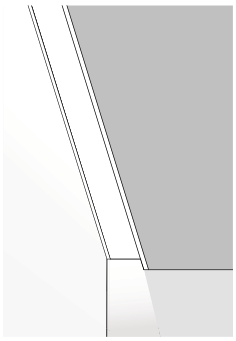
https://www.basolighting.com/resources/mounting-instructions/baso

BASO 4.0 PERIMETER

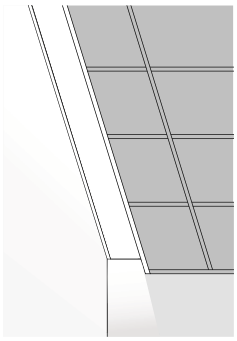
Invisible endcap



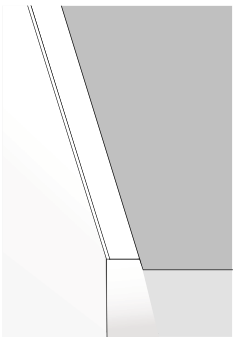
RTR



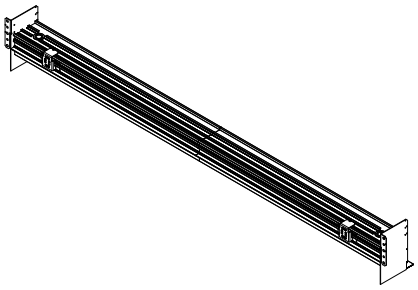
RTR (GRD)



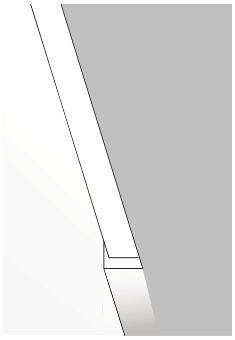
RTL



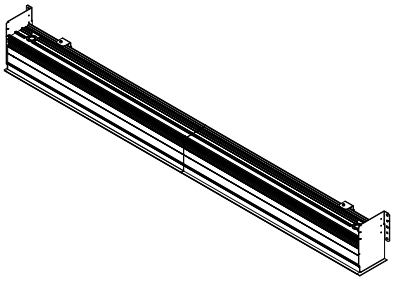
Trimless endcap



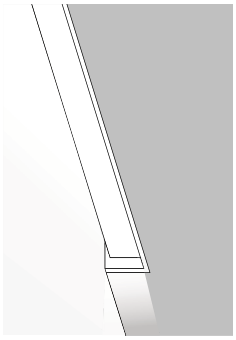
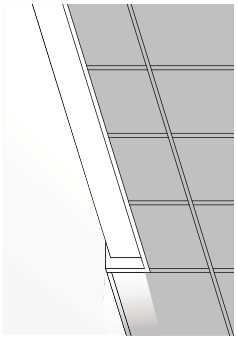
RTL



Trim endcap (RTR only)



RTR



RTR (GRD)