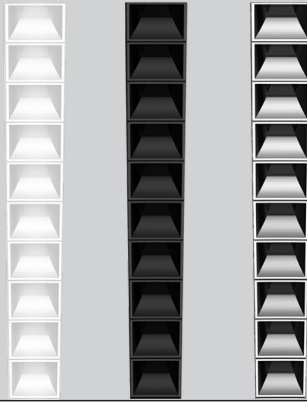


BASO 1.5

LOUVER DIRECT



CERTIFICATIONS & COMPLIANCE

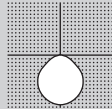


FEATURES



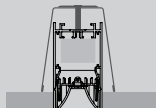
PERFORMANCE

- Up to 118lm/W efficiency
- 400 / 600 / 800lm/ft
- CRI > 80 & CRI > 90
- IC & Damp rated
- UGR < 17

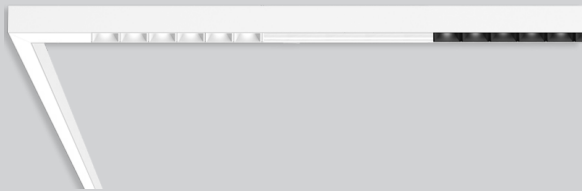


MOUNTING

Recessed



MULTIPLE LENS COMBINATIONS



Contact customer service with a drawing of your request.

Catalog Number Example

BASO 1.5-RTL-BL-LBM-30K-C80-UNV-010V-0400LF-NLC-ST-24IN

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

A RANGE

BASO 1.5 BASO 1 . 5

B MOUNTING

Recessed trimless RTL
Recessed with trim RTR

C COLOR

White WH
Black BL
Gray GR
Custom color RAL XX

trimless version available in white only

D LENS

Louver black matte LBM
Louver black gloss LBG
Louver white matte LWM
Louver white gloss LWG
Louver chrome LCH

E CCT

2700K 27K
CS 3000K 30K
CS 3500K 35K
4000K 40K
Custom CCT XXK

F CRI

CRI > 80 C80
CRI > 90 C90

G VOLTAGE

120V / 277V UNV

H DIMMING

0-10V 1% 010V
Lutron EcoSystem LES1
Quantum, Vive, GRAFIK Eye,
HomeWorks
Power over ethernet POEC
consult customer service for compatibility
Custom dimming XXXX
consult customer service for compatibility

I SENSOR (optional)

Integrated Sensor SEN
consult customer service for sensor
request

J OUTPUT LM/FT

400lm/ft 100% ↓ 0400LF
600lm/ft 100% ↓ 0600LF
800lm/ft 100% ↓ 0800LF
Custom lm/ft XXXXLF

Custom output up to 800 lm/ft
see lumen output multiplier table on
page 2 for all lens colors outputs.
Multiplier for Direct Lens ONLY

K CIRCUIT / EM

CS Single circuit *
EMC night light circuit NLC
* leave blank

L SHAPE / PATTERN

Linear / straight STA

M DIMENSIONS IN INCH

Linear 2' 24IN
CS Linear 4' 48IN
CS Linear 6' 72IN
CS Linear 8' 96IN
Linear custom ###IN

custom combinations including opal
lens or wallwash optics available,
please contact customer service with a
drawing of your request

N CERTIFICATION (optional)

Chicago Plenum CCEA
Red List Approved RLA

Technical data

BASO 1.5 DIRECT

LUMEN OUTPUT MULTIPLIER*

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

Delivered Lumens	CCT	CRI	Input Watts	Luminaire Efficacy
400 lm/ft ↓	4000K	CRI > 80	3.9 W/ft	103 lm/W
600 lm/ft ↓	4000K	CRI > 80	5.9 W/ft	102 lm/W
800 lm/ft ↓	4000K	CRI > 80	8.2 W/ft	98 lm/W

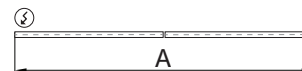
	LOR	LUMEN MULTIPLIER	DELIVERED LM/FT	DELIVERED LM/FT	DELIVERED LM/FT
LOUVER LENS					
LOUVER Matte White	67.3	1	400 lm/ft	600 lm/ft	800 lm/ft
LOUVER Glossy White	65.5	0.97	388 lm/ft	582 lm/ft	776 lm/ft
LOUVER Matte Black	49.4	0.73	293 lm/ft	439 lm/ft	585 lm/ft
LOUVER Glossy Black	49.1	0.73	293 lm/ft	439 lm/ft	582 lm/ft
LOUVER Chrome	65.4	0.97	388 lm/ft	582 lm/ft	776 lm/ft

Multiplier for direct lens ONLY

Patterns top view

LINEAR

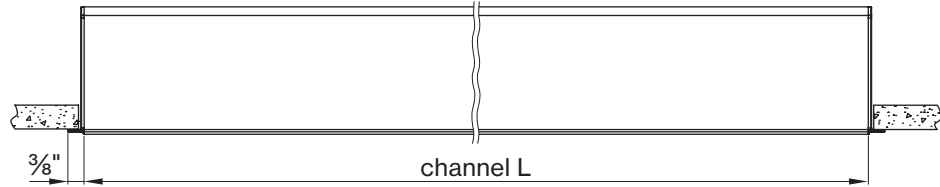
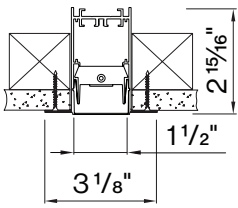
A	FIXTURES	CODE
48"	1 × 4' linear	ST - 0 4 FT
96"	1 × 8' linear	ST - 0 8 FT
144"	3 × 4' linear	ST - 1 2 FT



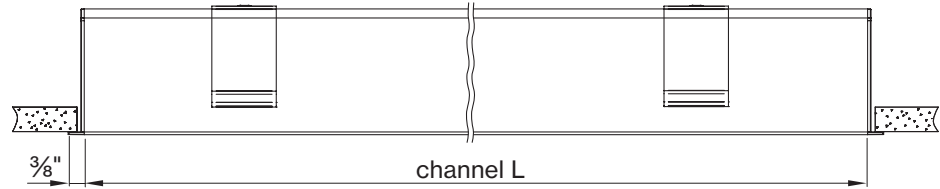
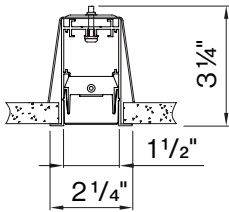
DIMENSIONS

BASO 1.5 LOUVER

RECESSED trimless



RECESSED with trim



Declare.

BASO 1.5 2.5 4.0
BASO Inc.

Final Assembly: Collins, Connecticut, USA
LULU (Manufacturing: China)
End of Life Options: Recyclable (80%), Landfill (20%)

Ingredients

Aluminum, 2-Phenolacetic acid, 2-methyl-, methyl ester, polymer with ethyl 2-oxopropionate, Steel manufacture, Chemicals, Copper chloride (CuCl₂), Steel mounting components, Polyurethane, Brass 10-70, Invarred/Invarred-G-Alexandryl/Clippers, Stainless Steel, Tin Organic Silicon

LEED Temp Exception RE-003 - Small Electrical Components

Living Building Challenge Criteria Compliant

H18 Red List

LEED Red List Free VOC Content 100% at 100ppm

LEED Red List Approved VOC Content Not Applicable

LEED Red List Exempt

H10 Interior Performance Not Applicable

H14 Responsible Sourcing Not Applicable

BAS-0002

ISSUE DATE: 2025

Original Issue Date: 2023

INTERNATIONAL LIVING BUILDING INSTITUTE™ <https://www.livingbuildinginstitute.com>

BASO mounting instructions

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

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

