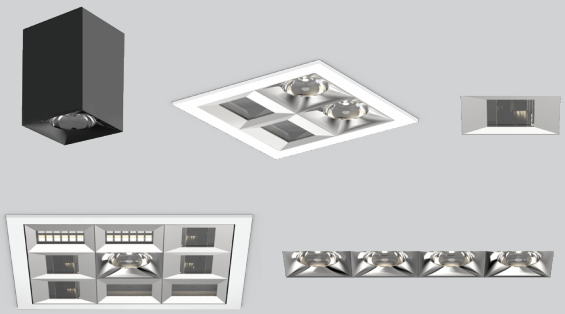
X-LITE™
DIRECT



CERTIFICATIONS & COMPLIANCE

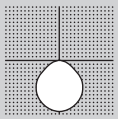
c UL us · RoHS compliant · TITLE 24 JA8

FEATURES

5 YEAR limited led warranty · PoE Power over Ethernet · QS

PERFORMANCE

- Up to 70 lm/W
- Multipurpose lighting system
- Multiple lens and housing options
- Recessed, surface, suspended



HOUSING OPTIONS

SN- 1x1 — 1 11/16" × 1 11/16"

ST-1x3 — 4 11/16"

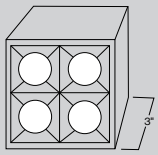
ST-1x2 — 3 3/16"

ST-1x4 — 6 3/16"

SQ-2x2 — 3 3/16" × 3 3/16"

SQ- 3x3 — 4 11/16" × 4 11/16"

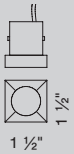
SIDE VIEW



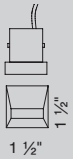
*HEIGHT IS 3" FOR ALL MOUNTING TYPES

DIMENSIONS

Spot



Wallwash



Specification/Instructions

Use the drop downs to select each cells attribute.

1. Select mounting type, housing color, color temperature, and cell color
2. Select Dim config for cell formation
3. Cell attribute will auto fill depending on selection made for each cell.

Mounting	Housing Color
Color temp	**Cell Color**

Dim Config. E

A	B	C	D	E
1 1 / 1 1	1 2 / 1 2	1 2 / 2 1	1 2 / 3 1	1 2 / 3 4

Cell 1	Cell 2
Lens	Lens
DIM Config.	DIM Config.
NOTES	NOTES

Cell 3	Cell 4
Lens	Lens
DIM Config.	DIM Config.
NOTES	NOTES

Attributes Key

Use the housing and cell attributes key.

Dim Config. E

E: 1 2 / 3 4

Housing Attributes Key

A	RANGE	
	XLITE	X L I T E
B	PATTERN	
	Single 1x1	S N 1 x 1
	Straight 1x2	S T 1 x 2
	Straight 1x3	S T 1 x 3
	Straight 1x4	S T 1 x 4
	Square 2x2	S Q 2 x 2
	Square 3x3	S Q 3 x 3
C	MOUNTING	
	Recessed Trimless	R T L
	Recessed Trim	R T R
	Surface Mounted	S U R
	Pendant	P D T
D	HOUSING COLOR	
	White	W H
	Black	B L
	Gray	G R
	*RTL in white only	
E	E DIMMING CHANNEL	
	single channel	C 1
	dual channel	C 2
	three channel	C 3
	four channel	C 4

Cell Attributes Key

A	CELL TRIM COLOR	
	Black Gloss	B G
	Black Matte	B M
	Chrome	C H
	White Gloss	W G
	White Matte	W M
B	CELL LENS	
	Spot 14 deg	S P
	Medium 24 deg	M D
	Flood 36 deg	F L
	Wide 60 deg	W I
	Wall Wash Up	W U
	Wall Wash Down	W D
	Wall Wash Left	W L
	Wall Wash Right	W R
	Blind Cover	B C
C	CELL COLOR TEMPERATURE	
	2700K CRI 90	2 7
	3000K CRI 90	3 0
	3500K CRI 90	3 5
	4000K CRI 90	4 0
D	CELL DIMMING CHANNEL	
	Channel 1	C 1
	Channel 2	C 2
	Channel 3	C 3
	Channel 4	C 4

Housing attributes: X L I T E - S Q 2 x 2 - _ - _ - _ (A B C D E)

Cell attributes:

Cell 1: W G W L 2 7 C 1 - Cell 2: W G S P 3 5 C 2 -

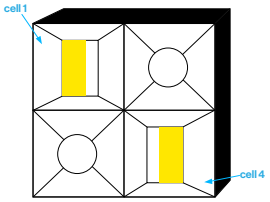
Cell 3: W G S P 3 5 C 3 - Cell 4: W G W R 2 7 C 4

(A B C D)

Diagram Example

TOP ROW: Cells 1-2
Cell 1: White Gloss cell color, Wall Wash, light shinning left, and 2700K CRI 90 temp.
Cell 2: White Gloss, Spotlight, 3500K CRI 90 temp.

SECOND ROW: Cells 3-4
Cell 3: White Gloss, Spotlight, 3500K CRI 90 temp.
Cell 4: White Gloss cell color, Wall Wash, light shinning right, and 2700K CRI 90 temp.



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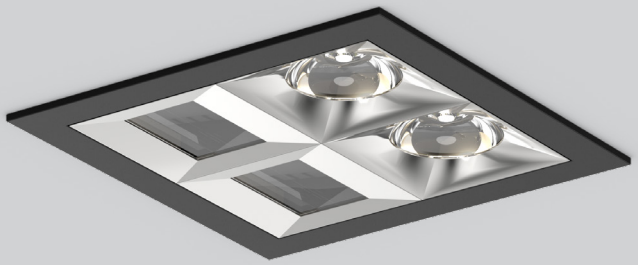
X-LITE™
SQ 2X2



MOUNTING
Mounting

HOUSING COLOR
Housing Color
*RTL in white only

COLOR TEMP
Color Temp

CELL COLOR
Cell Color

DIM CONFIG.
Dimming

A	B	C	D	E
1 1 / 1 1	1 2 / 1 2	1 2 / 2 1	1 2 / 3 1	1 2 / 3 4

CERTIFICATIONS & COMPLIANCE
cULus · RoHS compliant · TITLE 24 JA8

FEATURES
5 YEAR limited led warranty · PoE Power over Ethernet · QS

PERFORMANCE
- Up to 118 lm/W efficiency
- CRI > 80 & CRI > 90
- IC & Damp rated

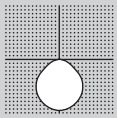
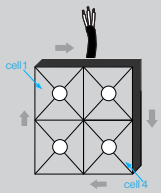


DIAGRAM


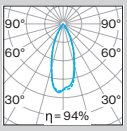
*Spot and Wallwash cells must have separate dimming channels.

Cell 1	Cell 2
LENS: Optic 1	LENS: Optic 2
DIM CONFIG.: Select from Left	DIM CONFIG.: Select from Left
NOTES	NOTES

Cell 3	Cell 4
LENS: Optic 3	LENS: Optic 4
DIM CONFIG.: Select from Left	DIM CONFIG.: Select from Left
NOTES	NOTES

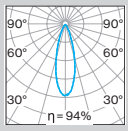
SINGLE CELL LIGHT DISTRIBUTIONS

SPOT LENS 14°



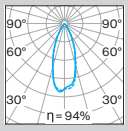
C0/C180
C90/C270
LED array 2.3W / 245lm
106 lm/W

MEDIUM LENS 30°



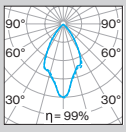
C0/C180
C90/C270
LED array 2.3W / 225lm
98 lm/W

FLOOD LENS 36°



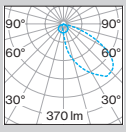
C0/C180
C90/C270
LED array 2.3W / 235lm
101 lm/W

WIDE LENS 57°



C0/C180
C90/C270
LED array 2.3W / 215lm
93 lm/W

WALL WASH



C0/C180
C90/C270
LED array 4.9 W / 365lm
75 lm/W

Housing attributes

XLITE	-	SQ2x2	-	XXX	-	XX	-	XX
A		B		C		D		E

Cell attributes

Cell 1				-	Cell 2				-
XX	XX	XX	XX		XX	XX	XX	XX	
A	B	C	D		A	B	C	D	

Cell 3				-	Cell 4				
XX	XX	XX	XX		XX	XX	XX	XX	
A	B	C	D		A	B	C	D	

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Housing Configuration Code
XLITEQ40xxx00

Cell Configuration Code
XCQ4xxx00xxxx0

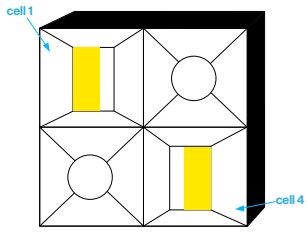
Power supply

1. LINE CONTROL

X-LITE 0-10V POWER SUPPLIES

	SPOT CELLS	WALLWASH CELLS
1 cell	XLPS-12-SP-001	XLPS-12-WW-001
2 cell	XLPS-12-SP-002	XLPS-12-WW-002
3 cell	XLPS-12-SP-003	XLPS-12-WW-003
4 cell	XLPS-12-SP-004	XLPS-12-WW-004
5 cell	XLPS-12-SP-005	XLPS-12-WW-005
6 cell	XLPS-12-SP-006	XLPS-12-WW-006
7 cell	XLPS-12-SP-007	XLPS-12-WW-007
8 cell	XLPS-12-SP-008	XLPS-12-WW-008
9 cell	XLPS-12-SP-009	XLPS-12-WW-009

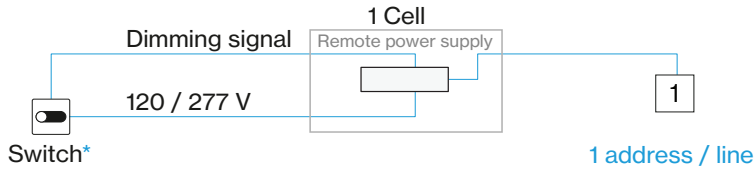
***X-Lite configurations with both Spot and Wallwash cells will need two separate remote drivers**



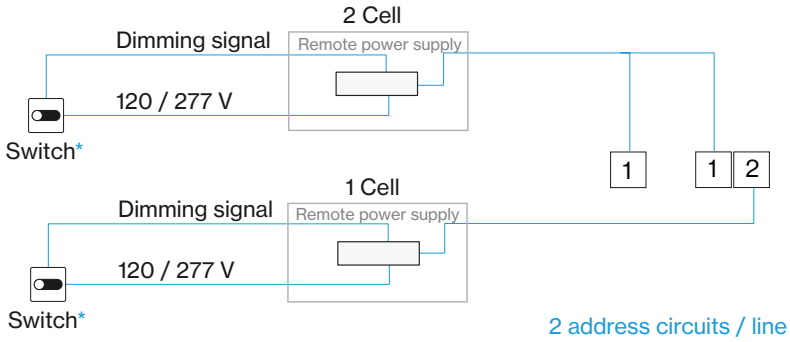
Wiring diagrams

1. LINE CONTROL

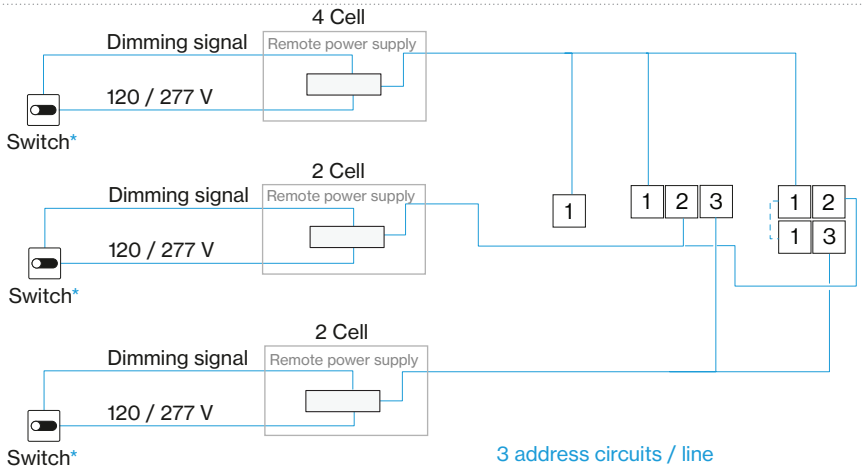
0-10V DIM Single Circuit



0-10V DIM Dual Circuit

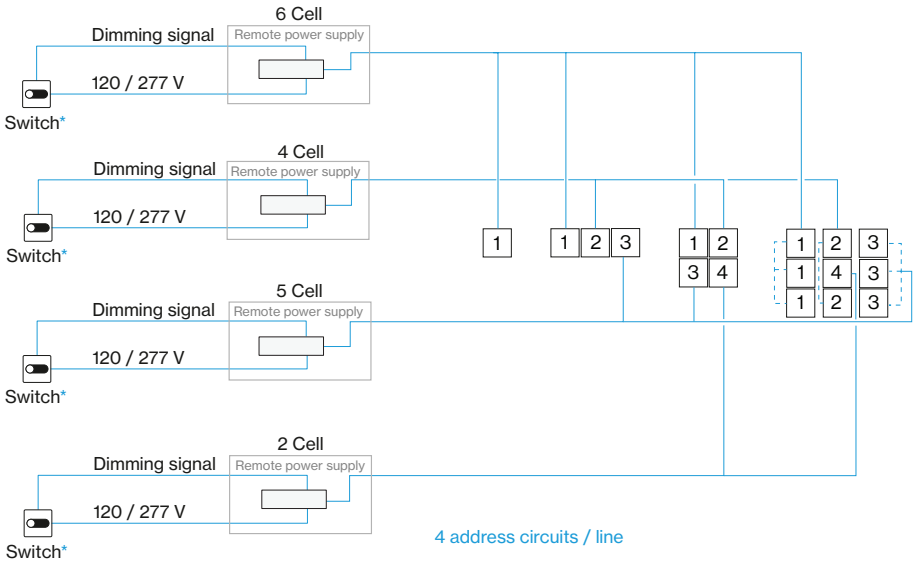


0-10V DIM Tri Circuit



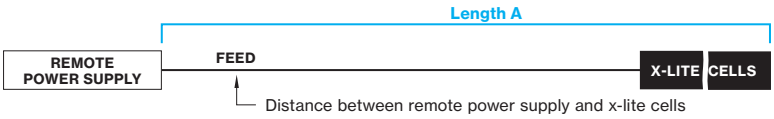
Wiring diagrams continued

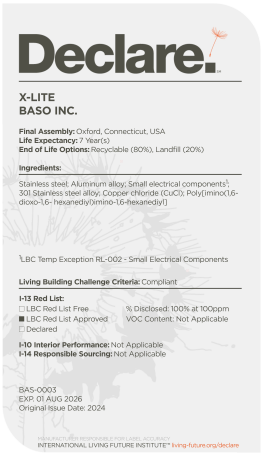
0-10 V DIM Quad Circuit



Length range per power supply

POWER SUPPLY	
Length A	max 150'




Declare.

X-LITE
BASO INC.

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

Ingredients:

Stainless steel; Aluminium alloy; Small electrical components[1]; 301 Stainless steel alloy; Copper chloride (CuCl); Poly[iminoc\6-dioxo-1,6- hexanediyl)imino-1,6-hexanediyl]

[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-0003
EXP. 01 AUG 2026
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE® living-future.org/declare

Mounting instructions

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

https://www.basolighting.com/resources/mounting-instructions/x-lite