

ARCHITECTURAL WALL-MOUNTED LUMINAIRE

LIMINAL WALL-MOUNTED LIGHTING

SPEC SHEET

FSL FORM. STRUCTURE. LIGHT.

FSL-LIM-WMT · Rev B · October 2026
PRELIMINARY · not for customer distribution
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ARCHITECTURAL WALL-MOUNTED LUMINAIRE

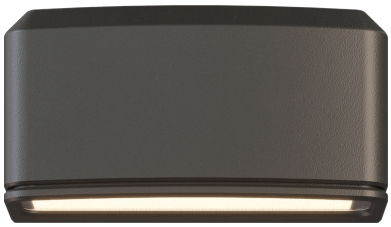
LIMINAL WALL-MOUNTED LIGHTING

Designed for entries, façades, corridors, and exterior wall applications, Liminal Wall Mounts bring clean architectural form and controlled illumination to vertical surfaces. Four sizes, three light directions, and three lens options let the product coordinate with the broader Liminal exterior lighting family.

Light Direction	Down (DN) · Up (UP) · Up/Down (UD)
Beam Distribution	Downlight: Type III (D3) · Type IV (D4) / Uplight: 10° (U10) · 25° (U25) · 40° (U40) · 60° (U60)
Lens Options	Clear Performance (CLR) · Visual Comfort Frosted Solite (CFT) · White Opal (OPL)
CCT	2700K · 3000K · 3500K · 4000K · Amber
CRI	80 CRI · 90 CRI
Rated Life (L70)	60,000 hrs
Warranty	5-Year Limited — 10-Year Available. Consult your FSL representative.

TURTLE FRIENDLY · IP66 RATED · VANDAL RESISTANT OPTIONS · ADA COMPLIANT · BUILD AMERICA BUY AMERICA BABA COMPLIANT OPTIONS · TITLE 24 CA Compliant · UL 1598 CERTIFIED Certified by CSA Group for the U.S. and Canada

LIMINAL WALL MOUNT LIMW · RCB



8×4 · 8″ × 4″ · Front view CLR shown

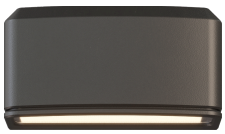


Side profile · 4″ depth

LIMINAL WALL MOUNT — SIZE FAMILY REFERENCE SHOWN TO SCALE · DOWNLIGHT LUMENS



4X4 **4″ × 4″**
500–1,500 lm



8X4 **8″ × 4″**
500–2,000 lm



12X4 **12″ × 4″**
1,000–2,500 lm



16X4 **16″ × 4″**
1,500–3,000 lm

COR · GRN CORE & GRAIN — SHARED 12-COLOR PALETTE

Core (COR) — smooth surface finish. **Grain (GRN)** — textured directional grain. Same 12 colors.

COR	GRN		
CAR	Carbon (Black)	CUR	Current
GRA	Granite	CHR	Charred Stone
RVR	River Rock	OVR	Overcast
DRF	Drift (Silver)	LAU	Laurel
SUN	Sunbaked (Bronze)	CHP	Chaparral
CHK	Chalk (White)	CCL	Citrus Clay

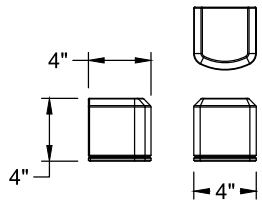
OXD OXIDE — 6 SPECIALTY COLORS

Weathered specialty surfaces. Oxide codes are exclusive to the **OXD** finish family.

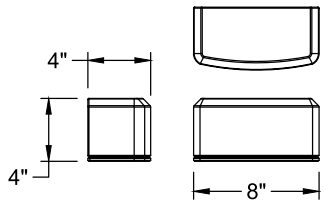
FCT	Ferric Corten
SCT	Scoria Corten
BRK	Bark
VRD	Verdigris
DPW	Deep Water
NOC	Nocturne

FAMILY SIZE AND MOUNTING REFERENCE

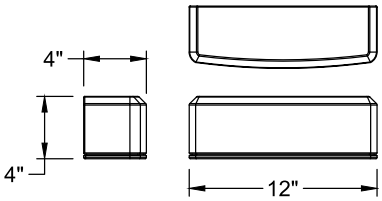
SIZE DIMENSIONAL DRAWINGS



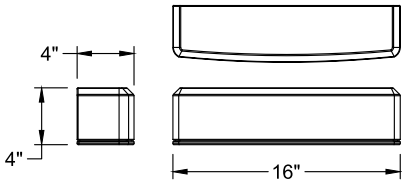
4X4 **4″ × 4″** · 4″ projection



8X4 **8″ × 4″** · 4″ projection

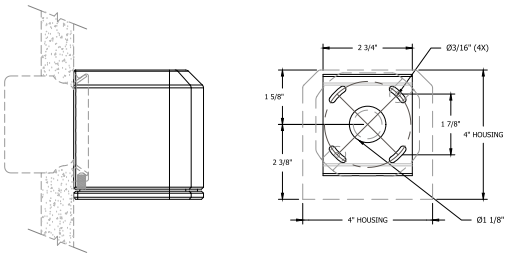


12X4 **12″ × 4″** · 4″ projection



16X4 **16″ × 4″** · 4″ projection

MOUNTING CONDITION



Shown: 4×4 on a recessed junction box (by others). Back plate: four Ø3/16″ mounting slots, Ø1 1/8″ wire entry. Surface conduit box / trim available (SCB option).

CONSTRUCTION & MATERIALS

PARAMETER	VALUE
Housing	PENDING
Lens	CLR — clear acrylic performance lens · CFT — frosted Solite glass visual-comfort lens · OPL — white opal acrylic diffuse lens
Gasket	Silicone and closed-cell foam gaskets seal the housing to IP66
Fasteners / Hardware	Stainless steel hardware throughout
Mounting	Back plate mounts over a recessed junction box (by others) · Surface-mount version with surface conduit box (SCB) — drawing to come

TECHNICAL DETAILS & COMPLIANCE

PARAMETER	VALUE
Driver	Integral, programmable, UL 8750 Class P / Class 2. Tri-Mode dimming (0–10V or phase-cut).
Input Voltage	120–277V
Frequency	50/60 Hz
Power Factor	> 0.90 at full load
THD	< 20% at full load
Operating Temperature Range	–40°C to +50°C ambient
Controls	0–10V dimming, 1%–100% · TRIAC/ELV phase-cut dimming (120V only) · Integrated button photocell (PBC)
Color Consistency (SDCM)	3-step MacAdam ellipse
Surge Protection	Built into driver — 2kV line-to-line / 2kV line-to-ground (IEC 61000-4-5), ANSI C62.41 Category A · Optional SP surge protector: 10kV / 5kA (10kA max / 5kA nominal) — consult factory for 4×4
Location Rating	Wet location — UL 1598 · LED components evaluated to UL 8750
IP Rating	IP66
Impact Resistance Rating	PENDING
Listings & Certifications	CSA certified to UL 1598 / CSA C22.2 No. 250.0 (US & Canada) · IP66 per IEC 60529 · ADA compliant — 4″ projection meets the ADA 307.2 protruding-object limit · BABA compliant option · RoHS

CATALOG NUMBER — ORDERING GUIDE

`LIMW-RCB-8X4-UD-CFT-LM15-D3-LM10-U40-30K-90-UNV-PBC-SP-GRN-CAR`

LIMW	RCB	8X4	UD	CFT	LM15	D3	LM10	U40	30K	90	UNV	PBC	SP	GRN	CAR
01 Family	02 Style	03 Size	04 Direction	05 Lens	06 Lumens Down	07 Beam Down	08 Lumens Up	09 Beam Up	10 CCT	11 CRI	12 Voltage	13 Controls	14 Options	15 Finish Fam.	16 Color

CATALOG NUMBER BUILDER **Select options in order, 01–16.**

LIMW- 02 Style - 03 Size - 04 Direction - 05 Lens - 06 Lumens Down - 07 Beam Down - 08 Lumens Up - 09 Beam Up - 10 CCT - 11 CRI - 12 Voltage - 13 Controls - 14 Options - 15 Finish Fam. - 16 Color

01 PRODUCT FAMILY

LIMW	Liminal Wall Mount

02 STYLE

RCB	Round Cube

03 SIZE

4X4	4″ × 4″
8X4	8″ × 4″
12X4	12″ × 4″
16X4	16″ × 4″

04 LIGHT DIRECTION

DN	Down only
UP	Up only
UD	Up / Down

05 LENS TYPE

CLR	Clear Performance Lens Maximum output and optical control
CFT	Visual Comfort Frosted Lens Softer source, controlled optics
OPL	White Opal Lens Fully diffused · lower output

DN: fill 06 + 07, skip 08–09 · UP: skip 06–07, fill 08 + 09 · UD: fill all four.

06 LUMEN PACKAGE — DOWN

		4X4	8X4	12X4	16X4
LM05	500 lm	✓	✓		
LM10	1,000 lm	✓	✓	✓	
LM15	1,500 lm	✓	✓	✓	✓
LM20	2,000 lm		✓	✓	✓
LM25	2,500 lm			✓	✓
LM30	3,000 lm				✓

07 BEAM DISTRIBUTION — DOWN

D3	Type III Wide asymmetric pedestrian distribution
D4	Type IV Forward-throw distribution

08 LUMEN PACKAGE — UP

		4X4	8X4	12X4	16X4
LM05	500 lm	✓	✓		
LM10	1,000 lm	✓	✓	✓	✓
LM15	1,500 lm			✓	✓

09 BEAM DISTRIBUTION — UP

U10	10° beam
U25	25° beam
U40	40° beam
U60	60° beam

10 CCT

27K	2700K
30K	3000K
35K	3500K
40K	4000K
AMB	Amber CRI not applicable — specify 80

11 CRI

80	80 CRI
90	90 CRI

12 VOLTAGE

UNV	120–277V

13 CONTROLS OPTIONAL

PBC	Integrated Button Photocell

14 OPTIONS OPTIONAL

MG	Marine Grade Finish Coastal corrosion resistance
SP	Surge Protection 10kV / 5kA · consult factory for 4×4
EM	Emergency Battery Driver Consult factory
SCB	Surface Mount / Conduit Box
BABA	BABA Compliant Fixture
IK10	Impact-Resistant Lens Select configurations · consult factory

15 FINISH FAMILY

COR	Core — smooth surface
GRN	Grain — textured surface
OXD	Oxide — weathered specialty

16 FINISH COLOR

Core / Grain colors			
CAR	Carbon (Black)	GRA	Granite
RVR	River Rock	DRF	Drift (Silver)
SUN	Sunbaked (Bronze)	CHK	Chalk (White)
CUR	Current	CHR	Charred Stone
OVR	Overcast	LAU	Laurel
CHP	Chaparral	CCL	Citrus Clay
Oxide colors			
FCT	Ferric Corten	SCT	Scoria Corten
BRK	Bark	VRD	Verdigris
DPW	Deep Water	NOC	Nocturne

PHOTOMETRIC DATA

PERFORMANCE DATA

[DN] DOWN ONLY

Specify one downlight distribution: D3 or D4

Photometric Information
4000K, 80 CRI, Clear Performance Lens

LUMEN PACKAGE		DRIVE CURRENT [MA]	DELIVERED OUTPUT [LM]	EFFICACY [LM/W]	BUG RATING	TYPICAL POWER 120/277V [W]	IES REFERENCE
4X4	**4 × 4** Distribution: **D3** · Type III						
LM05	500 lm	—	—	—	—	—	LIMW-4X4-LM05-D3
LM10	1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-D3
LM15	1,500 lm	—	—	—	—	—	LIMW-4X4-LM15-D3
4X4	**4 × 4** Distribution: **D4** · Type IV						
LM05	500 lm	—	—	—	—	—	LIMW-4X4-LM05-D4
LM10	1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-D4
LM15	1,500 lm	—	—	—	—	—	LIMW-4X4-LM15-D4
8X4	**8 × 4** Distribution: **D3** · Type III						
LM05	500 lm	—	—	—	—	—	LIMW-8X4-LM05-D3
LM10	1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-D3
LM15	1,500 lm	—	—	—	—	—	LIMW-8X4-LM15-D3
LM20	2,000 lm	—	—	—	—	—	LIMW-8X4-LM20-D3
8X4	**8 × 4** Distribution: **D4** · Type IV						
LM05	500 lm	—	—	—	—	—	LIMW-8X4-LM05-D4
LM10	1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-D4
LM15	1,500 lm	—	—	—	—	—	LIMW-8X4-LM15-D4
LM20	2,000 lm	—	—	—	—	—	LIMW-8X4-LM20-D4
12X4	**12 × 4** Distribution: **D3** · Type III						
LM10	1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-D3
LM15	1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-D3
LM20	2,000 lm	—	—	—	—	—	LIMW-12X4-LM20-D3
LM25	2,500 lm	—	—	—	—	—	LIMW-12X4-LM25-D3
12X4	**12 × 4** Distribution: **D4** · Type IV						
LM10	1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-D4
LM15	1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-D4
LM20	2,000 lm	—	—	—	—	—	LIMW-12X4-LM20-D4
LM25	2,500 lm	—	—	—	—	—	LIMW-12X4-LM25-D4
16X4	**16 × 4** Distribution: **D3** · Type III						
LM15	1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-D3
LM20	2,000 lm	—	—	—	—	—	LIMW-16X4-LM20-D3
LM25	2,500 lm	—	—	—	—	—	LIMW-16X4-LM25-D3
LM30	3,000 lm	—	—	—	—	—	LIMW-16X4-LM30-D3
16X4	**16 × 4** Distribution: **D4** · Type IV						
LM15	1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-D4
LM20	2,000 lm	—	—	—	—	—	LIMW-16X4-LM20-D4
LM25	2,500 lm	—	—	—	—	—	LIMW-16X4-LM25-D4
LM30	3,000 lm	—	—	—	—	—	LIMW-16X4-LM30-D4

[UP] UP ONLY

Specify one uplight beam: U10, U25, U40 or U60

Photometric Information
4000K, 80 CRI, Clear Performance Lens

LUMEN PACKAGE	DRIVE CURRENT [MA]	DELIVERED OUTPUT [LM]	EFFICACY [LM/W]	BUG RATING	TYPICAL POWER 120/277V [W]	IES REFERENCE
4X4 **4 × 4** Distribution: **U10** · 10° beam						
LM05 500 lm	—	—	—	—	—	LIMW-4X4-LM05-U10
LM10 1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-U10
4X4 **4 × 4** Distribution: **U25** · 25° beam						
LM05 500 lm	—	—	—	—	—	LIMW-4X4-LM05-U25
LM10 1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-U25
4X4 **4 × 4** Distribution: **U40** · 40° beam						
LM05 500 lm	—	—	—	—	—	LIMW-4X4-LM05-U40
LM10 1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-U40
4X4 **4 × 4** Distribution: **U60** · 60° beam						
LM05 500 lm	—	—	—	—	—	LIMW-4X4-LM05-U60
LM10 1,000 lm	—	—	—	—	—	LIMW-4X4-LM10-U60
8X4 **8 × 4** Distribution: **U10** · 10° beam						
LM05 500 lm	—	—	—	—	—	LIMW-8X4-LM05-U10
LM10 1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-U10
8X4 **8 × 4** Distribution: **U25** · 25° beam						
LM05 500 lm	—	—	—	—	—	LIMW-8X4-LM05-U25
LM10 1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-U25
8X4 **8 × 4** Distribution: **U40** · 40° beam						
LM05 500 lm	—	—	—	—	—	LIMW-8X4-LM05-U40
LM10 1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-U40
8X4 **8 × 4** Distribution: **U60** · 60° beam						
LM05 500 lm	—	—	—	—	—	LIMW-8X4-LM05-U60
LM10 1,000 lm	—	—	—	—	—	LIMW-8X4-LM10-U60

[UP] UP ONLY (CONT.)

Specify one uplight beam: U10, U25, U40 or U60

Photometric Information
4000K, 80 CRI, Clear Performance Lens

LUMEN PACKAGE	DRIVE CURRENT [MA]	DELIVERED OUTPUT [LM]	EFFICACY [LM/W]	BUG RATING	TYPICAL POWER 120/277V [W]	IES REFERENCE
12X4 **12 × 4** Distribution: **U10** · 10° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-U10
LM15 1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-U10
12X4 **12 × 4** Distribution: **U25** · 25° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-U25
LM15 1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-U25
12X4 **12 × 4** Distribution: **U40** · 40° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-U40
LM15 1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-U40
12X4 **12 × 4** Distribution: **U60** · 60° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-12X4-LM10-U60
LM15 1,500 lm	—	—	—	—	—	LIMW-12X4-LM15-U60
16X4 **16 × 4** Distribution: **U10** · 10° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-16X4-LM10-U10
LM15 1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-U10
16X4 **16 × 4** Distribution: **U25** · 25° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-16X4-LM10-U25
LM15 1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-U25
16X4 **16 × 4** Distribution: **U40** · 40° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-16X4-LM10-U40
LM15 1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-U40
16X4 **16 × 4** Distribution: **U60** · 60° beam						
LM10 1,000 lm	—	—	—	—	—	LIMW-16X4-LM10-U60
LM15 1,500 lm	—	—	—	—	—	LIMW-16X4-LM15-U60

Preliminary — pending certified LM-79 / IES testing. Up/Down (UD) fixtures: use the down row plus the up row for the same size.

LENS OUTPUT MULTIPLIER

CLR Clear Performance	**1.00**	CFT Visual Comfort Frosted	**× 0.75 est.**	OPL White Opal	**× 0.55 est.**

Multiply Clear Performance (CLR) delivered output by the factor for the lens specified. Estimates until tested. **BUG:** Backlight · Uplight · Glare per ANSI/IES TM-15 — pending IES files.