MX4WUDC LED
4" Compact Continuous Up/Down – Wall

Williams

4-3/16"
4-3/16" — 1/2"

CATALOG #: _____

TYPE: _____

PROJECT: _____

BAA & BABA COMPLIANT · UL 924 · TW

FEATURES

- Create elegant spaces with a seamless, continuous row of illumination
- Fixture attaches to wall bracket for simple installation
- Asymmetric optic directs light for targeted illumination
- Specify in one inch increments to create a perfect fit
- High-performance up to 133 lm/W
- Linear extrusion contains snap-in light rails for ease of installation
- Attractive source of direct and indirect lighting
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see hew.com/mx4
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- **HOUSING** – Extruded aluminum with die-cast end plates.
- **SHIELDING** – Extruded diffuse acrylic lens.
- **FINISH** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- **ELECTRICAL** – High-quality mid-power LED boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shades of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- **MOUNTING** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to galvanized, wall mounted bracket.
- **LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - UL 924 available, see Options.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: MX4WUDC - 12'00 - L8/835U/L8/835D - F/F - OPTIONS - CONTROL/DIM - UNV

SERIES
MX4WUDC

ILLUMINATED LENGTH [1]
Lengths specified in feet and inches using 1" increments, 2' minimum.
Example: **12'00** = 12'-0"

PRODUCT BUILDER
Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

LUMEN PACKAGE (EXAMPLE: L8/835U/L8/835D)
Specify lumen packages: **U** for Uplight and **D** for Downlight

LUMENS [2]	CRI		CCT		U or D
Single CCT or TW	**8**	80	**27**	2700K	**U** Uplight
L8 800lm	**9**	90	**30**	3000K	**D** Downlight
Single CCT only			**35**	3500K	
L12 1200lm			**40**	4000K	
L15 1500lm			**50**	5000K	
			TW	Tunable white (3000K–5000K)	
			TW2	Tunable white (2700K-6500K)	

SHIELDING UP
F Flat
FA Flat with asymmetric optic

SHIELDING DOWN
F Flat
FA Flat with asymmetric optic

OPTIONS
See page 3 for FINISH OPTIONS.

EM/10W	10-watt emergency battery
EM/10W/RTS	10-watt emergency battery with regressed test switch
(L__)	Additional lower lumen packages available [3] Example: 600 lumens = MX4WUDC-12'00-L8/835U/L8/835D-(L6U/L6D)
GEN	Approved for UL 924 emergency generator circuit through-feed wiring [4]

CONTROL [5]
Click HERE for control and sensor options.
– None

DRIVER
See page 4 for ADDITIONAL DRIVER OPTIONS.
DIM Driver with external 0-10V dimming wires
DIM1 1 % Driver with external 0-10V dimming wires
DRV Driver without external dimming wires [6]

VOLTAGE
120 120V
277 277V
UNV 120-277V
347 347V [7]

NOTES

1. Endcaps add 1/4" to overall specified length.
2. Lumens per foot output based on F Shielding, 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
3. (L4U/L4D) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
4. Not available with tunable white. Downlight orientation only.

Maximum mounting height is 29.4' (9.0 m). Minimum lumen output is 400 lm/ft. See hew.com/UL924 for details.

5. Sensor for use in downlight orientation only. Reduces portion of lit fixture, consult factory.
6. Not available with tunable white.
7. Not available with tunable white or EM batteries.

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Continuous
Page 1 of 4

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4" Compact Continuous Up/Down – Wall

FIXTURE PERFORMANCE DATA

	PER FOOT				
	DELIVERED LUMENS			TOTAL WATTAGE	EFFICACY (lm/W)
	UP	DOWN	TOTAL		
L8/835U/L8/835D	822	845	1666	13.5	123
L8/835U/L12/835D	822	1259	2081	15.9	131
L8/835U/L15/835D	822	1535	2356	18.5	127
L12/835U/L8/835D	1218	845	2062	15.6	132
L12/835U/L12/835D	1218	1259	2476	18.8	132
L12/835U/L15/835D	1218	1535	2752	21.4	129
L15/835U/L8/835D	1522	845	2367	17.8	133
L15/835U/L12/835D	1522	1259	2781	21.1	132
L15/835U/L15/835D	1522	1535	3056	23.7	129

- Photometrics tested in accordance with IESNA LM-79. Results based on Results based on F shielding, 80 CRI, 3500K for static white and 4000K for tunable white, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.
- POE PR fixture efficacy is typically 10-12% higher than shown at same lumen level. Consult factory during project design phase for details.

MULTIPLIER TABLES

COLOR TEMPERATURE

	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	–	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	–	–	1.01
90 CRI	2700K	0.80	–	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	–	–	1.02

SHIELDING

LENS	CONVERSION FACTOR
F	1.00
FA (down)	1.00
FA (up)	0.98

TW

TW2

PHOTOMETRY

UP

FLAT (F)

ASYMMETRIC (FA)

DOWN

FLAT (F)

ASYMMETRIC (FA)
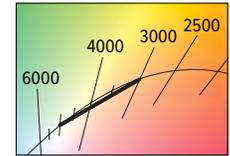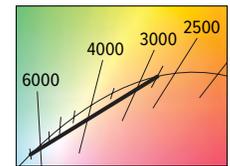
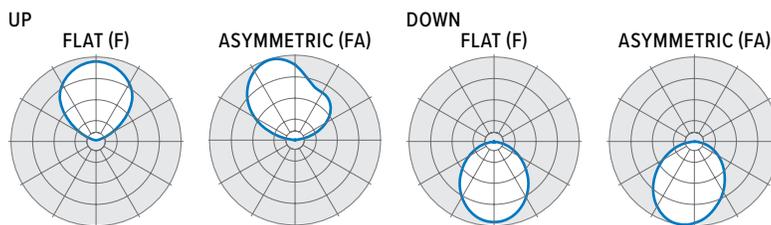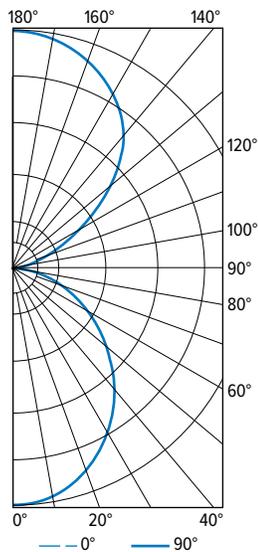**MX4UDC-4'00-L8/835U/L8/835D-F/F-DIM** Total Luminaire Output: 6,665 lumens; 54.2 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT

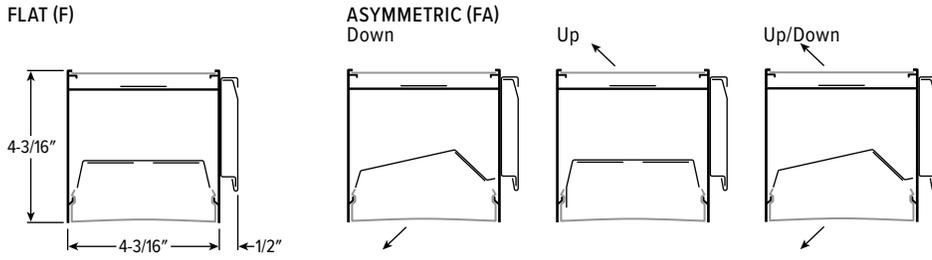| VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1312	1312	1312	
5	1325	1299	1297	124
15	1267	1238	1236	350
25	1147	1120	1111	517
35	982	959	950	601
45	792	772	763	597
55	590	576	570	517
65	401	392	387	387
75	208	208	208	221
85	55	57	59	64
90	0	0	0	
95	46	36	24	41
105	148	140	125	147
115	307	295	280	295
125	563	554	544	495
135	848	846	840	648
145	1047	1041	1028	649
155	1175	1161	1151	536
165	1263	1248	1244	353
175	1310	1291	1287	123
180	1299	1299	1299	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	991	15
	0 - 40	1592	24
	0 - 60	2706	41
	0 - 90	3378	51
	90 - 120	483	7
	90 - 130	978	15
	90 - 150	2275	34
	90 - 180	3287	49
	0 - 180	6664	100

CANDLEPOWER DISTRIBUTION

— – 0°   —— 90°

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Continuous
Page 2 of 4

CROSS SECTIONS

FLAT (F)

4-3/16"

4-3/16" — 1/2"

ASYMMETRIC (FA)

Down

Up

Up/Down

FIXTURE DETAILS

See hew.com/power-entry for power entry details.

BACK VIEW

(2) ø7/8" holes

2-1/8" to j-box center

6"

Illuminated length

(2) 1/8" endcaps
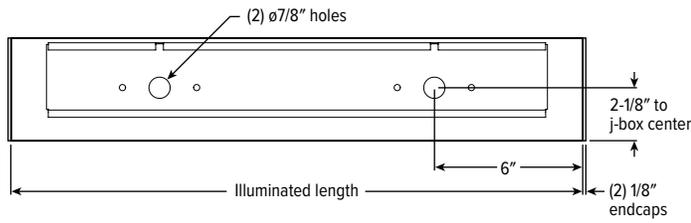
MOUNTING
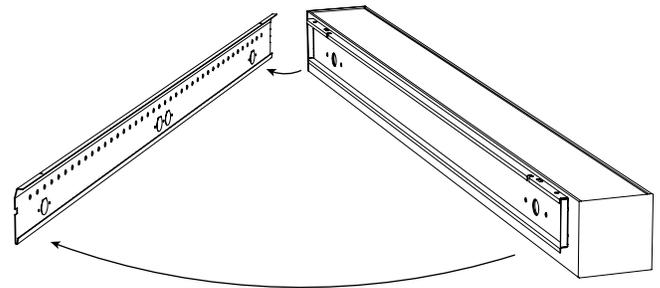
SENSOR & NODE PLACEMENT

FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM	RAL#____
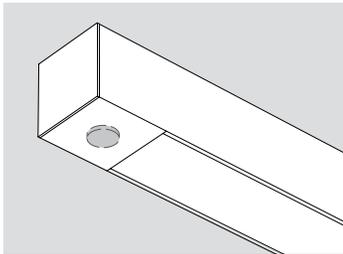
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

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Continuous
Page 3 of 4

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ADDITIONAL DRIVER OPTIONS

Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV [1]	Driver without external dimming wires prewired for non-dimming applications; entire fixture switches together
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications; entire fixture switches and dims together
DRVU/DRVD [1]	Driver without external dimming wires prewired for non-dimming applications; up and down portions switch separately
DRVU/DIMD [1]	Driver without external dimming wires prewired for non-dimming applications; up and down switch separately; external dimming wires on down portion only
DIMU/DRVD [1]	Up and down portions switch separately; driver with external dimming wires prewired for 0-10V low voltage applications on up portion only
DIMU/DIMD	Driver with external dimming wires prewired for 0-10V low voltage applications; up and down portions switch and dim separately
DRVDIMU [1]	Entire fixture switches together; driver with external dimming wires prewired for 0-10V low voltage applications on up portion only
DRVDIMD [1]	Entire fixture switches together; driver with external dimming wires prewired for 0-10V low voltage applications on down portion only
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE [1]	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC [1]	Line voltage dimming driver (TRIAC compatible, 120V only)
DIM LINEU/DIM LINED [1]	Line voltage switching and line voltage dimming; up and down portions switch separately
DIM LINEU/DRVD [1]	Up and down portions switch separately; line voltage dimming on up portion only
DRVU/DIM LINED [1]	Up and down portions switch separately; line voltage dimming on down portion only
DA	Driver with 12V auxiliary power, without external dimming wires. Up and down switch together.
DA-U/D	Driver with 12V auxiliary power, without external dimming wires. Up and down switch separately.
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch together.
DSR-U/D	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch separately.
LD2	Lutron DALI-2 digital driver, 1%
PoE PR	Power over Ethernet-ready, fixture powered and controlled by remote UL- or CSA-listed PoE driver

[1] Single CCT only.

TUNABLE WHITE DRIVER DETAILS

DIM

DIM (Int) +
DIM (CCT) + → Fixture 1 → Quick Connect 2-conductor → Fixture 2
DIM -

DMX

RJ45 Ports (IN/OUT) → Fixture (Master) → Quick Connect Ethernet cable → Fixture (Satellite)

DALI

DALI +
DALI - → Fixture 1 → Quick Connect 2-conductor → Fixture 2

LD2

DA +
DA - → Fixture 1 → Quick Connect 2-conductor → Fixture 2

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Continuous
Page 4 of 4