



LumenzaArc 4

4-Foot Wattage- and CCT-Selectable LED Linear Fixture

DESCRIPTION

LumenzaArc 4 is a versatile LED linear fixture designed for straightforward installation and field selection. Its integrated LED system and snap-lock diffuser support secure assembly, while selectable wattage and colour temperature allow the light output and visual tone to be adjusted for the application.

KEY FEATURES

- 4-foot selectable power: 22W / 28W / 40W
- Selectable CCT: 3500K / 4000K / 5000K
- Light output: 2860 lm / 3640 lm / 5200 lm
- Up to 130 lm/W efficacy
- 120-347V AC, 50/60Hz universal input
- 0-10V dimming with optional microwave sensor controls
- Snap-lock diffuser lens and white finish

LUMENZAARC 4 SPECIFICATIONS

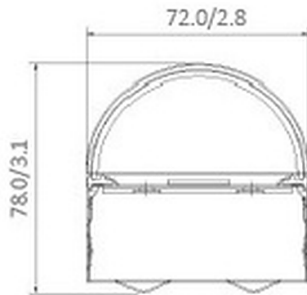
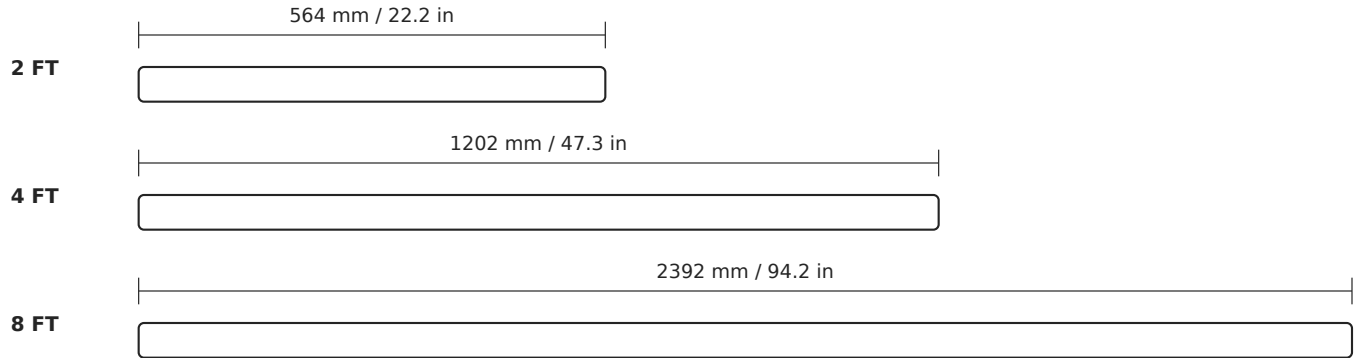
Model	LMZArc 04
Rated Power	22W / 28W / 40W selectable
Light Output	2860 lm / 3640 lm / 5200 lm
Efficacy	130 lm/W
CCT	3500K / 4000K / 5000K selectable
CRI	>80
Beam Angle	110 degrees, direct light only
Input Voltage	120-347V AC, 50/60Hz
Power Factor	>0.9
Dimming	0-10V
Rated Life	L70 at 50,000 hours
Warranty	2 years
Operating Temperature	-20°C to +45°C
Finish	White
Certifications / Listings	UL, cUL, FCC, DLC





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DIMENSIONS



SR2 LENS
Standard Version 2

CROSS-SECTION

Overall width: 72.0 mm / 2.8 in

Overall height: 78.0 mm / 3.1 in

Lens: SR2, Standard Version 2

ORDERING GUIDE

ORDER FORMAT: [MODEL]-[CONTROL]-[MOUNTING]

EXAMPLE: LMZARC04-M-P

MODEL	SIZE	SELECTABLE WATTAGE	LIGHT OUTPUT
LMZARC02	2 ft	18 / 25 / 30W	2340 / 3250 / 3750 lm
LMZARC04	4 ft	22 / 28 / 40W	2860 / 3640 / 5200 lm
LMZARC08	8 ft	38 / 46 / 54W	4940 / 5980 / 7020 lm

All models: 3500K / 4000K / 5000K selectable CCT | 120-347V AC | 0-10V dimming

CHOOSE ONE CONTROL CODE AND ONE MOUNTING CODE:

CATEGORY	CODE	SELECTABLE OPTION
Control	N	Standard on/off control - no sensor
Control	M	Microwave motion sensor
Mounting	S	Surface mounting
Mounting	P	Pendant mounting



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OPTIONAL MICROWAVE MOTION SENSOR

Sensor model: MC613V D RC | Built-in microwave control for linear and batten fixtures



- On/off control and 3-step dimming through a 1-10V interface
- Detachable sensor head; settings by DIP switches or MH02 infrared remote
- Maximum detection coverage: 12 m diameter at up to 6 m mounting height
- Selectable detection area, hold time, stand-by period, dim level and daylight threshold
- Sensor component warranty: 5 years

SENSOR ELECTRICAL AND RF PARAMETERS

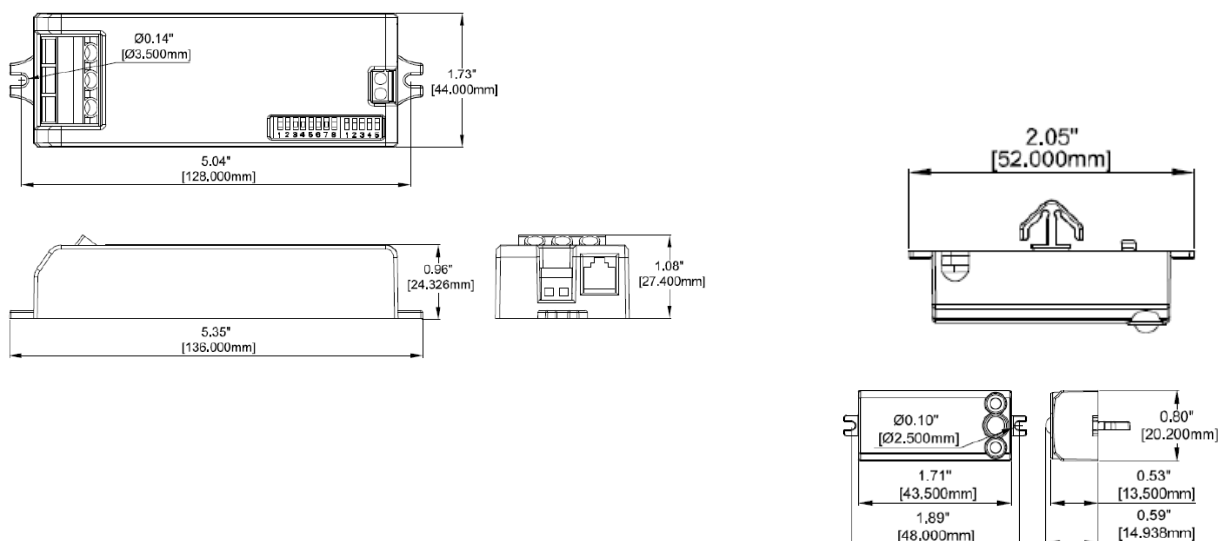
Input Voltage Range	108-382V AC
Rated Input Voltage	120 / 277 / 347V AC
Stand-by Power	<1.0W
Operating Modes	On/off and 1-10V, 3-step dimming
Load Rating	3A inductive at 120V AC; 3A resistive at 277V / 347V AC
1-10V Dimming Output	<50 mA, non-constant-current source
HF Frequency	5.8GHz +/-75MHz, ISM band
HF Radiated Power	0.5mW maximum
Input Wiring	Screw-type push terminal
Output Wiring	Push terminal

SENSOR CONSTRUCTION AND ENVIRONMENT

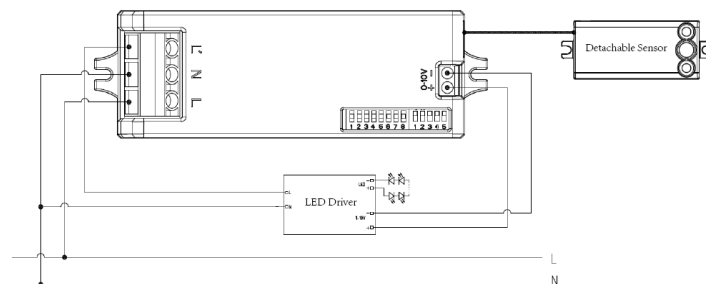
Detection Angle	150 degrees wall mounting / 360 degrees ceiling mounting
Operating / Storage	-35°C to +60°C / -35°C to +80°C
Rating / Class	IP20 / Class II / built-in installation
Dimensions	136 x 44 x 24.5 mm; installation length 128 mm
Weight / Life	122.4 g / 50,000 hours
Certificate Requirement	UL

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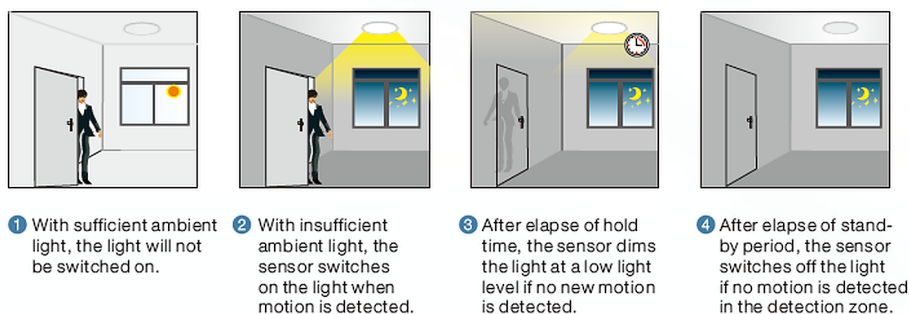
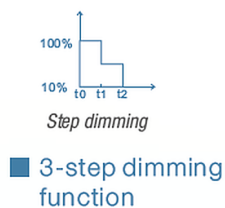
SENSOR DIMENSIONS



WIRING DIAGRAM



3-STEP DIMMING FUNCTION



The sequence uses daylight sensing, motion detection, hold time, stand-by period and stand-by dim level. Wiring and commissioning must follow the applicable fixture and sensor instructions.



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SENSOR DIP AND REMOTE-CONTROL SETTINGS

DETECTION AREA - DIP 1-2

LEVEL	1	2
100%	ON	ON
75%	ON	-
50%	-	ON
25%	-	-

STAND-BY PERIOD - DIP 6-8

PERIOD	6	7	8
0 s	ON	ON	ON
1 min	ON	-	ON
3 min	-	ON	ON
5 min	ON	-	-
10 min	-	ON	-
30 min	-	-	ON
Infinite	-	-	-

DAYLIGHT SENSOR - DIP 3-6

THRESHOLD	3	4	5	6
5 lux	ON	ON	ON	ON
15 lux	-	ON	ON	ON
30 lux	ON	-	ON	ON
50 lux	-	-	ON	ON
100 lux	ON	ON	-	ON
150 lux	ON	ON	ON	-
Disable	-	-	-	-

HOLD TIME - DIP 3-5

TIME	3	4	5
5 s	ON	ON	ON
30 s	ON	-	ON
1 min	-	ON	ON
5 min	ON	-	-
10 min	-	ON	-
15 min	-	-	ON
30 min	-	-	-

STAND-BY DIM LEVEL - DIP 1-2

LEVEL	1	2
10%	ON	ON
20%	ON	-
30%	-	ON
40%	-	-

SELECTABLE RANGES

Detection Area	100% / 75% / 50% / 25%
Hold Time	5 s to 30 min
Stand-by Period	0 s to infinite
Stand-by Dim Level	10% / 20% / 30% / 40%
Daylight Threshold	5 / 15 / 30 / 50 / 100 / 150 lux / disable

The same selectable ranges are available through the MH02 infrared remote control. Confirm final settings during commissioning.