

HIGHLIGHTS

- Total System Integration features 5-year limited warranty by Acuity Brands covering all components and construction
- 4' and 8' sections
- Available in continuous runs
- Up to 142 lm/W
- Softshine®-engineered comfort optics
- Flicker-free dimming powered by eldoLED® driver
- Integrated sensor for daylight dimming and/or occupancy detection (optional)
- Sculptured end caps
- White, black, aluminum or custom color

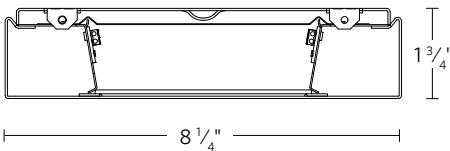


eldoLED

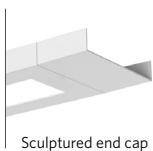
Declare.

DIMENSIONS

BRM9L



DETAILS

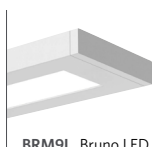


Sculptured end cap

COMPANION LUMINAIRE(S)



BRW9L
Bruno Wall LED



BRM9L Bruno LED

CUSTOMIZATION

Ask us about the following possibilities: Alternate voltages, custom colors and other modifications.

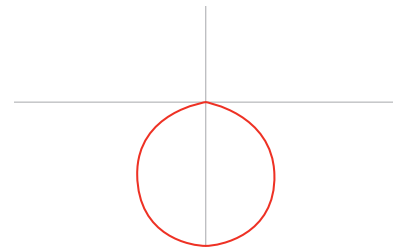
LUMEN PACKAGES

Based on 80CRI @ 3500K.
Additional outputs and color temperatures available.

Direct LED Output	500LMF	900LMF	1400LMF
Total Delivered Lumens Per Foot	498	981	1538
Input Watts Per Foot	5.1	9.9	18.8
Lumens Per Watt	98	99	81

*Please pull the appropriate IES file for the hard data number for your luminaire selection

DISTRIBUTION





A+ Capable options indicated by this color background.

MODEL NUMBER Example: BRM9L S LLP 8FT MSL4 80CRI 35K 900LMF DARK ZT 120 SCT C210

Luminaire	Mounting Type	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	LED Color Temperature	Direct LED Output
BRM9L	S Surface ceiling mount	LLP Linear Longest Possible	_FT Indicate luminaire row length in 4' increments. Ex: 12FT	MSL4 4' Section(s)	80CRI 80+ CRI	27K 2700K	500LMF 500 Nominal lumens per foot
		LCB Linear Center Balanced		MSL8 8' Section(s)	90CRI 90+ CRI	30K 3000K	600LMF 600 Nominal lumens per foot
		LSL Longest Same Length				35K 3500K	700LMF 700 Nominal lumens per foot
						40K 4000K	800LMF 800 Nominal lumens per foot
						50K 5000K	900LMF 900 Nominal lumens per foot
							1000LMF 1000 Nominal lumens per foot
							1100LMF 1100 Nominal lumens per foot
							1200LMF 1200 Nominal lumens per foot
							1300LMF 1300 Nominal lumens per foot
							1400LMF 1400 Nominal lumens per foot
							1500LMF 1500 Nominal lumens per foot

Minimum Dimming Level	Control Input	Voltage	Wiring Option	Emergency Options
DARK Constant current, dimming to < 1%	ZT* 0-10V	120 120V	SCT Single circuit	(Blank) None
MIN1 Constant current, dimming to 1%	DALI** DALI enabled	277 277V		1EC (1) emergency circuit module
	*0-10V will use linear dimming curve	MVOLT 120V-277V		2EC (2) emergency circuit module
	** Not available with sensors			_EC _ emergency circuit modules
	** Will use logarithmic dimming curve			_E10WLCP 10 Watt Battery Pack, constant power with self diagnostics. CEC Certified
				*Emergency type is installed in last 4' of luminaire sections. Separate feed required.
				** 4FT Individual fixture with EC Consult factory
				*** E10WLCP battery pack not available with CSA

Primary Sensor	Color	Options
(blank) No factory-installed, integrated sensor	C110 Painted aluminum (low gloss)	CSA* Manufactured to Canadian standards
PDT_ Dual technology occupancy sensor. PIR & microphonics sensor	C210 White white (fine textured)	GLR Fast blow
ADC_ Daylight Dimming Sensor	C202 Black (fine textured)	GMF Slow blow
APD_ Dual technology occupancy sensor and daylight dimming sensor	C099** Custom color	*CSA with EC consult factory
	RALTBd* Ral Paint finishes	
	*RALTBd for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options. Standard finish choice is Textured (RALxxxxT)	
	**C099 for pricing only. Custom color chip and requested finish needs to be sent in to your Customer Care Rep and matched up with our paint department and customer approved before order is entered. Standard finish choice is Textured (C099T)	

SPECIFICATIONS

Housing

Nominal 8 3/4" x 1 3/4" rectangular housing is formed from cold-rolled steel.

End Caps

Die-cast end caps are mechanically attached with no exposed fasteners. Sculptured end caps (come standard).

Color

Color for housing and end caps is white, black or painted aluminum. Consult factory for custom colors.

Luminaire Length

4' and 8' lengths in single sections, or continuous runs. For total luminaire length add 4" for each sculptured end cap.

Mounting

Individual units and continuous runs will mount to the ceiling via a surface mount template. Please see surface mounting instructions for details.

Source

Multiple LED lumen packages and five available color temperature options (2700K, 3000K, 3500K, 4000K and 5000K) - all within 2.5 MacAdam ellipses.

Optics

Softshine® optical system consists of high performance lens, diffusers and metal reflectors.

Dimming Driver

eldoLED driver provides "natural dimming" with smooth, continuous and flicker-free operation to 0.1% dim levels. Acuity luminaires incorporating eldoLED LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Syncing for controls: 2mA max. THD: < 20%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI. When Control Input of 0-10V is specified driver will be set for linear dimming curve, if nLIGHT is specified driver will be set for logarithmic dimming curve. EldoLED driver for MIN1 and DARK only.

For DALI driver details go to: PeerlessLighting.com/S60L

Controls and System Networking Options

For wired networking via Cat-5e, choose an integrated nLight® module. For daylight dimming and/or dual technology occupancy detection, see Page 5 for integrated sensor options.

Electrical

LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for 60,000 hours (L80) at 25° C ambient temperature. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Suitable for damp location.

Validation

CSA/CUS listed. CSA tested to UL 1598 standards. LM-79 tested. Individual sections meet FCC Part 15 requirements.

Packaging

100% post-consumer recycled cardboard box and inserts. Biodegradable, protective luminaire bag. Recycled kraft paper tape.

Warranty

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

WEIGHTS & SUPPORT SPACING

Refer to installation sheet

LINEAR PLAN:

PEERLESS offers the ability to provide a continuous run plan to suit your requirements by optionally offering three different methods of configuration.

LSL- Linear Same Length

In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).

LSL	4FT	4FT	4FT	4FT	4FT
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LLP- Linear Longest Possible

In this configuration, the longest length available is optimized, resulting in the fewest segments and mounting locations. Caution, should be used where balanced appearance is a concern. Example: 20 FT run would have 2, 8 FT segment and 1, 4 FT segment at the end of the run.

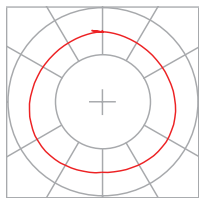
LLP	8 FT	8 FT	4FT
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LCB- Linear Center Balanced

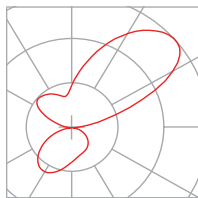
In this configuration incorporates the longest center segments(s) along with any additional lengths required to fill the run length, added to the run ends. Example 20 FT run would have 2, 8 FT segments (one at each end) and 1, 4 FT segment in the center

LCB	8 FT	8 FT	4FT
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FIXTURE PERFORMANCE DATA



ID1700LMF 80CRI 35K
91 lm/W
5333 delivered lumens per
4' section



ID1700LMF 80CRI 35K
91 lm/W
2889 delivered lumens per
4' section

How to Calculate Delivered Lumens in Emergency Mode

Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver. P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire.

LPW information available in Performance Data section.

EXPECTED LIFE L80@60,000 HOURS

CCT SCALING CHART

CCT	CRI	MULTIPLIER
27K	80CRI	0.96
30K	80CRI	0.99
35K	80CRI	1
40K	80CRI	1
50K	80CRI	1.05
27K	90CRI	0.81
30K	90CRI	0.83
35K	90CRI	0.85
40K	90CRI	0.86
50K	90CRI	0.92

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

Choose nomenclature from these columns					
Driver Configurations	Minimum Dimming Level	Control Input	Driver	Dimming Range	Notes
	DARK	+ ZT	= eldoLED SoloDrive	100% to .1%	Linear Dimming, supplied with leads for 0-10V control
	DARK	+ DALI	= eldoLED SoloDrive	100% to .1%	Logarithmic Dimming, DALI controls and power supply by others
	MIN1	+ ZT	= eldoLED EcoDrive	100% to 1%	Linear Dimming, supplied with leads for 0-10V control
Control + Sensor Configurations	Control Input	Sensor	Sensor	Notes	
	ZT	+ ADC	= SensorSwitch MSD EZ ADC	0-10V control Daylight Sensor	
	ZT	+ PDT	= SensorSwitch MSD PDT 7 EZ	0-10V control Occupancy sensor	
	ZT	+ APD	= SensorSwitch MSD PDT 7 EZ ADC	0-10V control Daylight with Occupancy sensor	

Daylight harvesting deactivated by default and field programmed per sequence of operations.

Luminaires specified with nLight system networking ship with one RJ-45 connector integrated into the luminaire, 10' of Cat-5e cable and a splitter to control the entire luminaire row (depending on wattage/voltage limitations). For multiple zones, please contact TechSupport-Peerless@AcuityBrands.com.



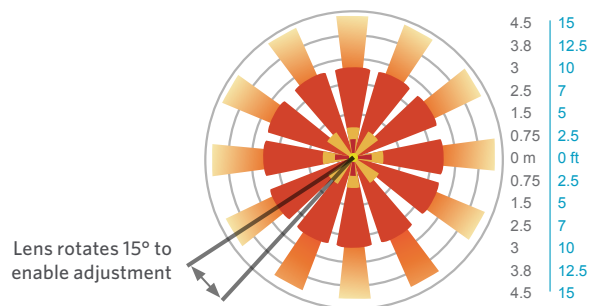
OCCUPANCY DETECTION COVERAGE

At the 7.5 ft (2.9 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.

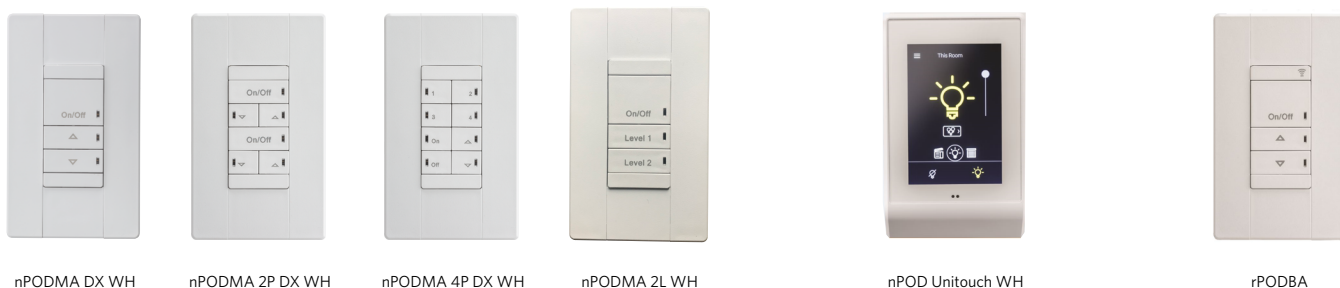
Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



COMPATIBLE nLIGHT COMPONENTS WITH INTEGRATED CONTROLS



Sensor Switch.com/DataSheets/nPODMA.PDF

Sensor Switch.com/DataSheets/nPOD Unitouch.PDF

Sensor Switch/RPODBA

eldoLED COMPATIBILITY For compatible dimmers & switches please see the EldoLED compatibility document.

PeerlessLighting.com/eldoLED-compatibility