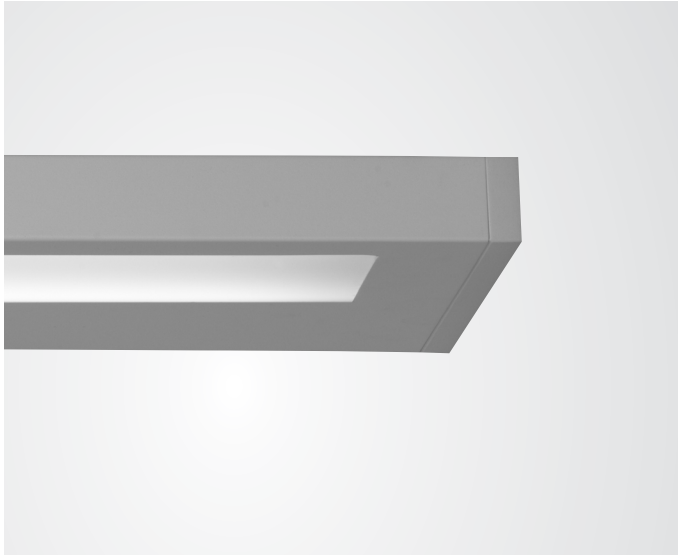
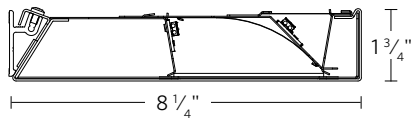


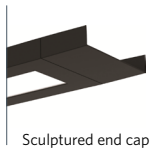
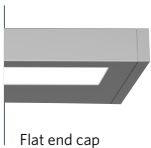


DIMENSIONS

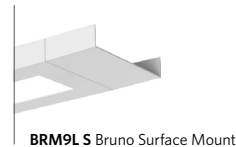
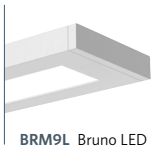
□ BRW4L



DETAILS



COMPANION LUMINAIRE(S)



CUSTOMIZATION

Ask us about higher lumen offerings available for the BRW4L.

HIGHLIGHTS

- Total System Integration features 5-year limited warranty by Acuity Brands covering all components and construction
- 4' and 8' sections
- Up to 134 lm/W
- Multiple Outputs available
- Softshine®-engineered comfort optics
- Enhanced asymmetric distribution through optical film
- Flicker-free dimming to dark (0.1%) powered by eldoLED® driver
- Flat or sculptured end caps
- White, black, aluminum or custom color



eldoLED



LUMEN PACKAGES

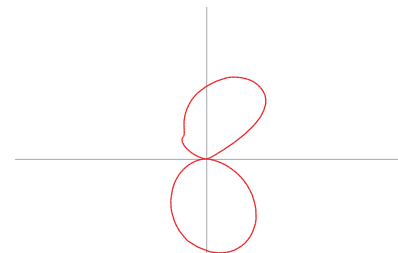
Based on 80CRI @ 3500K. Additional outputs and color temperatures available.

Indirect LED Output/Direct LED Output	I500LMF /500LMF	I600LMF /600LMF	I700LMF /700LMF
Indirect Delivered Lumens Per Foot/ Direct Delivered Lumens Per Foot	628/470	687/578	774/640
Total Delivered Lumens Per Foot	1098	1265	1414
Input Watts Per Foot	8.5	10	12
Lumens Per Watt	129	126	117

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

DISTRIBUTION

80CRI 35K I700LMF/700LMF



SPECIFICATIONS

Housing

Nominal 8 1/4" 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. Flat end caps standard. For sculptured end caps, choose option SCEP.

Color

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

Luminaire Length

4' and 8' nominal lengths in a single section. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Source

Multiple LED lumen packages and five available color temperature options (2700K, 3000K, 3500K, 4000K and 5000K) - all within 2.5 MacAdams 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. EldoLED Driver for MIN1 and DARK only

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. Lighting Facts partner.

Packaging

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

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. 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 when used with Acuity Brands controls products.

- All configurations of this luminaire are calibrated and tested to meet the Acuity Brand's specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

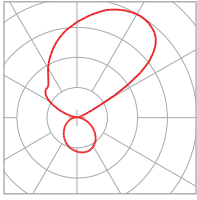
To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

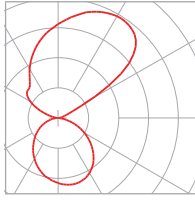
MODEL NUMBER Example: BRW4L LLP 16FT MSL8 80CRI 35K I1700LMF 900LMF DARK ZT 120 SCT C210

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	LED Color Temperature	Indirect LED Output	Direct LED Output
BRW4L	LLP Linear longest possible LSL Longest same length	__FT <i>Indicate luminaire row length in 4' increments. Ex: 12FT</i>	MSL4 4' section(s) MSL8 8' section(s)	80CRI 80+ CRI 90CRI 90+ CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	I500LMF 500 Nominal lumens per foot I800LMF 800 Nominal lumens per foot I1200LMF 1200 Nominal lumens per foot I1500LMF 1500 Nominal lumens per foot I2000LMF 2000 Nominal lumens per foot <i>I __ __ LMF available in 100 lumen increments between I500LMF & I2000 LMF</i>	500LMF 500 Nominal lumens per foot 600LMF 600 Nominal lumens per foot 700LMF 700 Nominal lumens per foot 800LMF 800 Nominal lumens per foot 900LMF 900 Nominal lumens per foot 1000LMF 1000 Nominal lumens per foot
Minimum Dimming Level		Control Input	Voltage		Wiring Option	Emergency Options	
DARK	Constant current, dimming to < 1%	ZT¹ 0-10V	120	120V	SCT Single Circuit	(Blank)	None
MIN1	Constant current, dimming to 1%	DALI² DALI Enabled	277	277V	DCT Dual Circuit	1EC	(1) emergency circuit module
		1. 0-10V will use Linear dimming curve 2. Will use Logarithmic dimming curve	MVOLT	120V-277V		2EC	(2) emergency circuit module
						__EC	___ emergency circuit modules
Color		Options					
C110	Painted aluminum (low gloss)	CSA¹ Manufactured to Canadian standards					
C210	White white (fine textured)	GLR Fast blow					
C202	Black (fine textured)	GMF Slow blow					
C099¹	Custom color	SCEP Sculptured end caps					
RALTBD²	RAL Paint finishes	1. CSA with EC consult factory					
1. 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)							
2. 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)							

FIXTURE PERFORMANCE DATA



I900LMF/500LMF 80CRI 35K
120 lm/W
9815 delivered lumens per 4' section



I2000LMF/1000LMF 80CRI 35K
112 lm/W
12366 delivered lumens per 4' 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

Direct Lumen Package	UGR (70% 50% 20% reflectance using a 4H x 8H room size)	
	Crosswise	Endwise
500LMF	12.5	14.9
600LMF	13	15.5
700LMF	13.8	16.2
800LMF	14.8	17.3
900LMF	15.6	18.1
1000LMF	16.7	19.2

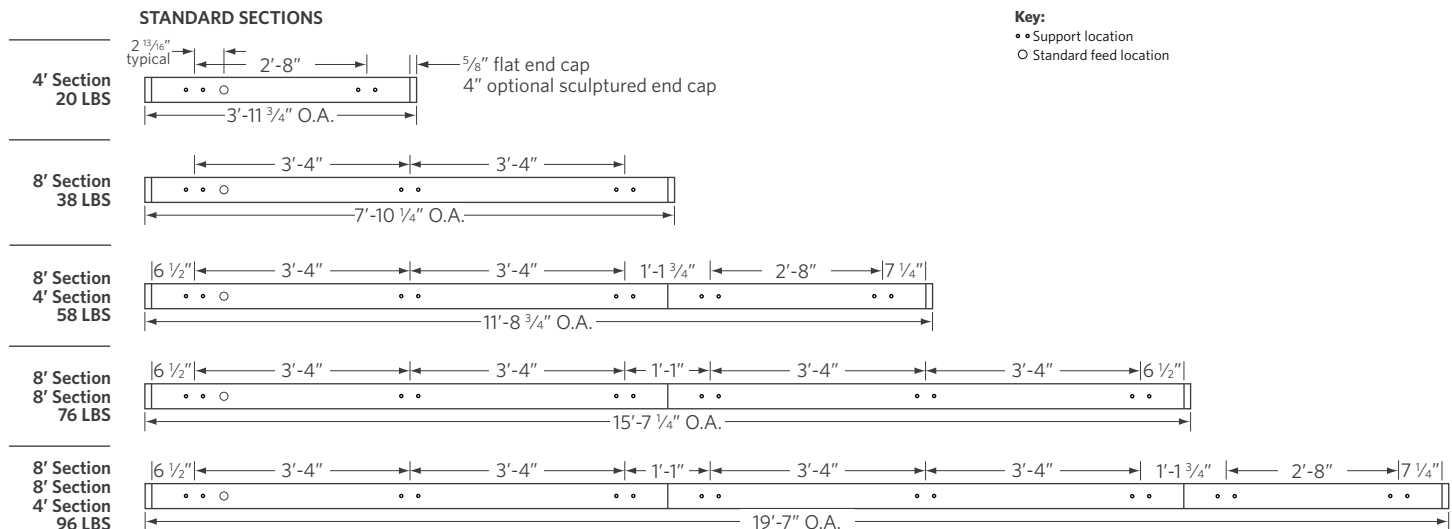
*UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR" and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

**Click here for more information on [UGR FAQ](#)

UGR MULTIPLIER CHART	
Indirect Lumens	Scale Factor
I500LMF	1.22
I600LMF	1.19
I700LMF	1.18
I800LMF	1.16
I900LMF	1.13
I1000LMF	1.12
I1100LMF	1.11
I1200LMF	1.10
I1300LMF	1.07
I1400LMF	1.07
I1500LMF	1.04
I1600LMF	1.03
I1700LMF	1.02
I1800LMF	1.01
I1900LMF	1.00
I2000LMF	1.00

WEIGHTS & SUPPORT SPACING

Mounting spacing equals section length. Default location shown.



ELEVATION

LINEAR PLAN:

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

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.

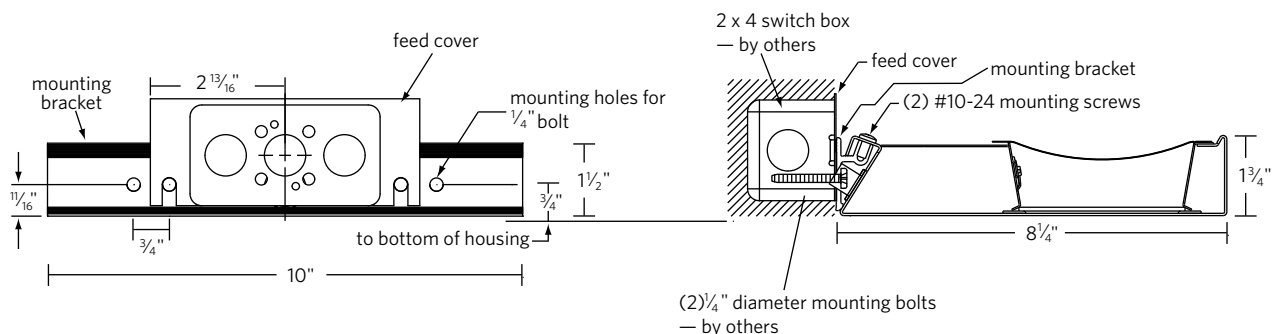
LLP	8 FT	8 FT	4 FT
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LSL- Linear Same Length:

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	4 FT	4 FT	4 FT	4 FT	4 FT
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MOUNTING DETAIL



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

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

PeerlessLighting.com/eldoLED-compatibility