Peerless
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended
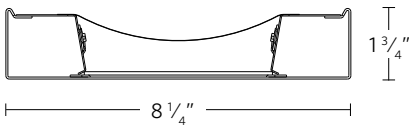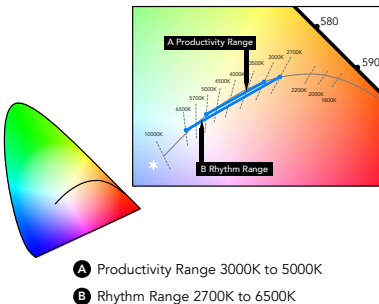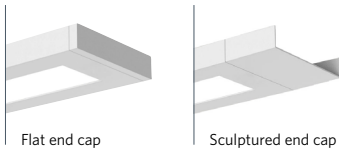

HIGHLIGHTS

- Mainstream Dynamic Tunable White with nTune™ Technology

- Integrated nLight® for system networking

- 4', 5', 6', 8' and 10' Sections

- Up to 139 lm/W

- Multiple Outputs available

- Softshine®-engineered comfort optics

- High performance batwing distribution using injection molded optic

- Flicker-free dimming to dark powered by eldoLED® driver

- Integrated sensor for daylight dimming and/or occupancy detection (optional)

- Flat or sculptured end caps

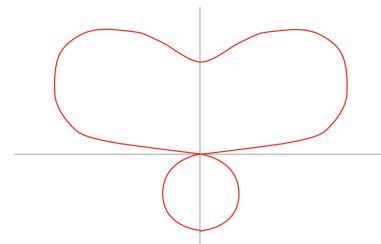- White, black, aluminum or custom color

(Logos: nA+ CAPABLE, 5 YEAR warranty, soft shine, eldoLED, nLight, Declare.)

DIMENSIONS

☐ **BRM9L**

1 3/4 "

8 1/4 "

DETAILS

Flat end cap

Sculptured end cap

Ⓐ Productivity Range 3000K to 5000K

Ⓑ Rhythm Range 2700K to 6500K

LUMEN PACKAGES

Based on standard distribution (70/30) at 80CRI.
Additional distributions and color temperatures available.

Range	Lumen Output	ID800LMF	ID1000LMF	ID1300LMF	ID1500LMF
PROR	Delivered Lumens/Ft	784-798	979-1007	1271-1322	1466-1531
PROR	Input Watts/Ft	6-6	8-8	10-10	12-11
PROR	Lumens/Watt	131-133	122-126	127-132	122-139
RHYR	Delivered Lumens/Ft	781-784	973-978	1261-1269	1453-1462
RHYR	Input Watts/Ft	6-6	8-7	10-10	12-11
RHYR	Lumens/Watt	130-131	122-140	126-127	121-133

STANDARD DISTRIBUTION

70% Up | 30% Down

MAINSTREAM DYNAMIC
BY ACUITY BRANDS®

AcuityBrands.

PeerlessLighting.com
1- 800-705-SERV (7378) | TechSupport-Peerless@AcuityBrands.com

Rev. 01/20/22

1

Peerless®
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

A+ Capable options indicated by this color background.

MODEL NUMBER
Example: BRM9L LLP 16FT MSL8 90CRI TUWH PROR ID800LMF 70/30 DARK NLT 120 SCT F1/24A C202

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	Dyanmic Feature	Dynamic Range
BRM9L	**LLP** Linear longest possible	**__FT**	**MSL4** 4' Section(s)	**80CRI** 80+CRI	**TUWH** Tunable White	**PROR** 3000K-5000K
	LSL Longest same length	*Indicate luminaire row length in 1' increments with minimum of 4FT*	**MSL5** 5' Section(s)	**90CRI** 90+CRI		**RHYR** 2700K-6500K
			MSL6 6' Section(s)			
		*Seven foot row length is excluded.	**MSL8** 8' Section(s)			
			MSL10 10' Section(s)			

Indirect/Direct LED Output

ID500LMF	500 Nominal lumens per foot
ID600LMF	600 Nominal lumens per foot
ID700LMF	700 Nominal lumens per foot
ID800LMF	800 Nominal lumens per foot
ID900LMF	900 Nominal lumens per foot
ID1000LMF	1000 Nominal lumens per foot
ID1100LMF	1100 Nominal lumens per foot
ID1200LMF	1200 Nominal lumens per foot
ID1300LMF	1300 Nominal lumens per foot
ID1400LMF	1400 Nominal lumens per foot
ID1500LMF	1500 Nominal lumens per foot
ID1600LMF	1600 Nominal lumens per foot
ID1700LMF	1700 Nominal lumens per foot
ID1800LMF	1800 Nominal lumens per foot
ID1900LMF	1900 Nominal lumens per foot
ID2000LMF	2000 Nominal lumens per foot

Indirect/Direct Intensity Ratio

70/30	Std. 70% up; 30% down
60/40	60% up; 40% down
50/50	50% up; 50% down
40/60	40% up; 60% down
30/70	30% up; 70% down
20/80	20% up; 80% down
10/90	10% up; 90% down

*Nominal distribution. Refer to photometric tests for exact distribution.

Minimum Dimming Level

DARK Constant current, dimming to < 1%

Control Interface

NLT* nLight nTune interface

*Will use Logarithmic dimming curve

Voltage

120	120V
277	277V
MVOLT	120V-277V

Wiring Option

SCT Single circuit

Emergency Options

(Blank)	None
1EC	(1) emergency circuit module
2EC	(2) emergency circuit module
__EC	___ emergency circuit modules
_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.
** E10WLCP cannot be combined with sensors.
**E10WLCP battery pack are not available with CSA
*** 4FT MSL4 Individual fixture with EC Consult factory

Primary Sensor

(blank)	No factory-installed, integrated sensor
PDT_	Dual technology occupancy sensor. PIR & microphonics sensor
ADC_	Daylight Dimming Sensor
APDT_	Dual technology occupancy sensor and daylight dimming sensor

Secondary Sensor

(blank)	No factory-installed, integrated sensor
SPDT_	Dual technology occupancy sensor. PIR & microphonics sensor
SADC_	Daylight Dimming Sensor
SAPDT_	Dual technology occupancy sensor and daylight dimming sensor

Mounting Type/

F1/	T-bar ceiling (universal mounting bracket)
F1A/	T-bar ceiling (UMB with integrated J-box)
F2/	Hard ceiling (horizontal J-box)

*F1 & F1A Mount uses standard 3 1/2" canopy on feed and 2" canopy on support
**F2 Mount uses standard 5" canopy on feed and 2" canopy on support
** All feed cords, cord managers and canopies are standard white. They are not painted to match fixture color.

Overall Suspension

12F	12" fixed
18F	18" fixed
24F	24" fixed
24A	24" adjustable
36A	36" adjustable
48A	48" adjustable
72A	72" adjustable
96A	96" adjustable
144A	144" adjustable
192A	192" adjustable
240A	240" adjustable

*Measured from ceiling to bottom of luminaire.

Color

C110	Painted aluminum (low gloss)
C210	White white (fine textured)
C202	Black (fine textured)
C099**	Custom color
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)

Options

CSA*	Manufactured to Canadian standards
CP	Chicago Plenum (available with F1A only)
DU	Dust cover
ELH***	Emergency through wiring w/separate neutrals-single EM feed at opposite end of normal
ELS2***	Emergency through wiring w/separate neutrals-single EM feed at same end of normal
GLR	Fast blow
GMF	Slow blow
MCS****	Matching canopy at support for aesthetics
MCSJ*****	Matching canopy for J-box mounting at non-power feed support locations
OJB****	Offset J-box at feed
SCEP	Sculptured end caps
SLP******	Sloped ceiling

*CSA with EC consult factory
***Not available with CSA
****MCS & OJB cannot be chosen together
*****MCSJ available with F2 mount only
******When SLP is chosen need to choose F2 Mount and OJB

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

AcuityBrands.

1- 800-705-SERV (7378) | TechSupport-Peerless@AcuityBrands.com

PeerlessLighting.com

Peerless
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

SPECIFICATIONS

Housing
Nominal 8 $\frac{1}{4}$" x 1 $\frac{3}{4}$" 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
Luminaire is available in 4', 5', 6', 8' and 10' sections. Using internal joiners, any section combination can be joined to form longer rows with almost 1ft incremental lengths. Add 5/8" for each flat end cap and 4" for each sculptured end cap.

Source
Multiple LED lumen packages, with end points, falling 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. 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.

Mainstream Dynamic with nTune Technology:
This luminaire is enabled with nTune technology, meaning it has the ability to communicate digitally over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of timeclock control, remote status monitoring, and control via SensorView software.

Controls and System Networking Options
Wired networking via Cat-5e. For daylight dimming and/or dual technology occupancy detection, see Page 5 for integrated sensor options. Included Cat-5e cable; connect continuous sections together. Minimal cable may be visible at joining sections from above fixture.

One control module per 4' section.

Electrical
LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for 50,000 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.
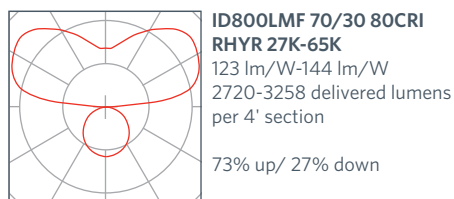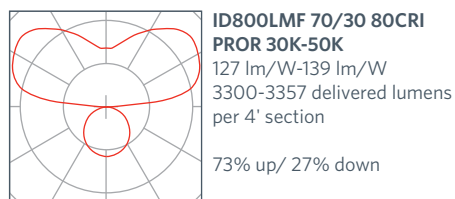
A+ Capable Luminaire
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

• 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

FIXTURE PERFORMANCE DATA

ID800LMF 70/30 80CRI PROR 30K-50K
127 lm/W-139 lm/W
3300-3357 delivered lumens per 4' section

73% up/ 27% down

ID800LMF 70/30 80CRI RHYR 27K-65K
123 lm/W-144 lm/W
2720-3258 delivered lumens per 4' section

73% up/ 27% down

How to Calculate Delivered Lumens in Emergency Mode
Use the formula below to determine the delivered lumens in emergency mode
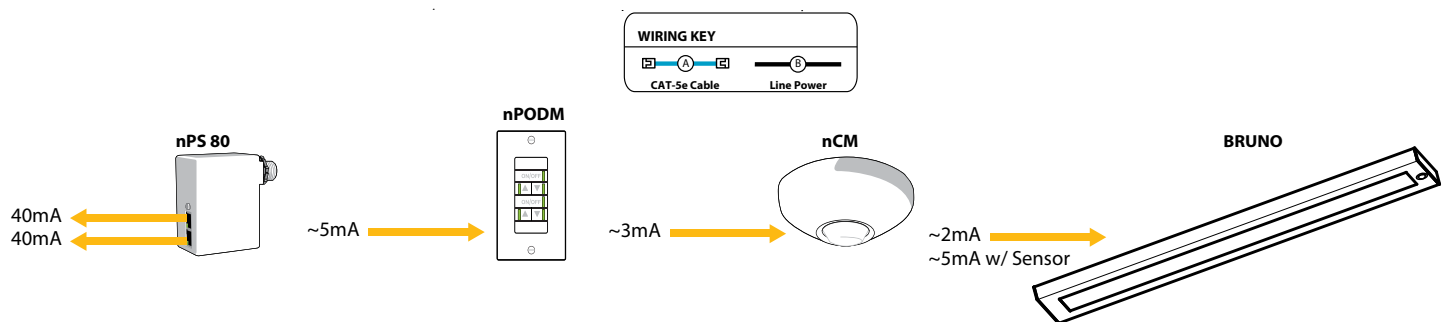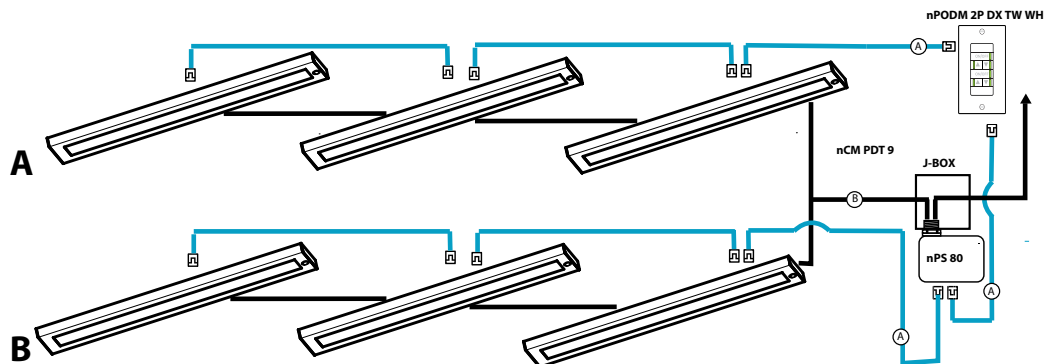**Delivered Lumens = 1.25 x P x LPW**
P = Ouput power of emergency driver. P = 10W for E10WLCP option.
LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

EXPECTED LIFE L80@50,000 HOURS

CCT SCALING CHART

Direct		
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

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

PEERLESS
Lighting for People®

Type:

Project:

nPODM 2P DX TW WH

nCM PDT 9

J-BOX

nPS 80

A

B

WIRING KEY

CAT-5e Cable   Line Power

nPS 80

40mA
40mA

~5mA

nPODM

~3mA

nCM

~2mA
~5mA w/ Sensor

BRUNO

*Note: Also applicable to linear runs. Each 4' fixture section must be connected, by CAT5 cable, to another fixture.

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Type:

Project:

Peerless®
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

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

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

WEIGHTS & SUPPORT SPACING

Suspension spacing equals section length. Default location shown.
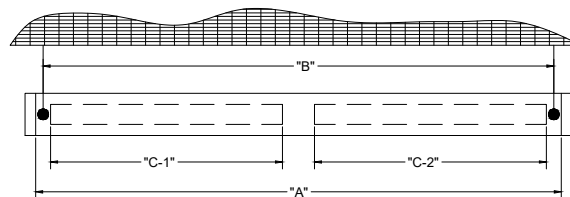
"B"

"C-1"   "C-2"

"A"

"Beginning of run fixture's center to center support spacing will be 13/16" less than the nominal fixture section length. Refer to Individual Fixture table for specific dimensions"

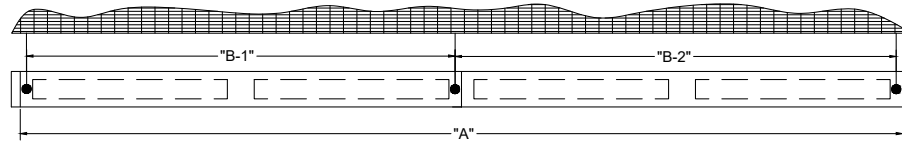| ORDERED LENGTH	"A" O.A.L.	"B"	"C-1"	"C-2"	STANDARD END CAP* (*including end caps on both sides)	SCULPTED END CAP* (*including end caps on both sides)	APPROX. WEIGHT
			INDIVIDUAL FIXTURES (MOUNTING)				
4FT	4'- 0" [1220 mm]	3'- 11 3/16" [1200 mm]	3'- 8 1/8" [1121 mm]	N/A	1 1/4" [31.8 mm]	8" [203.2 mm]	22 lbs [10 kg]
5FT	5'- 0" [1524 mm]	4'- 11 3/16" [1503 mm]	4'- 8 1/8" [1426 mm]	N/A	1 1/4" [31.8 mm]	8" [203.2 mm]	26 lbs [12 kg]
6FT	6'- 0" [1828 mm]	5'- 11 3/16" [1808 mm]	2'- 8 1/8" [816 mm]	2'- 8 1/8" [816 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	29 lbs [13 kg]
8FT	8'- 0" [2438 mm]	7'- 11 3/16" [2418 mm]	3'- 8 1/8" [1121 mm]	3'- 8 1/8" [1121 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	38 lbs [17 kg]
10FT	10'- 0" [3048 mm]	9'- 11 3/16" [3027 mm]	4'- 8 1/8" [1426 mm]	4'- 8 1/8" [1426 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	44 lbs [20 kg]

LEGEND:
A - Fixture Overall Length (excluding standard end caps on both ends).
B - Fixture Suspension Points center-to-center distance
C = C-1 = C-2* - Aperture window length
    *if C-2 = N/A, then fixture has a single aperture (=C-1)

* See next page for more Weights & Support Spacing layouts.

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Peerless®
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

Type:

Project:

WEIGHTS & SUPPORT SPACING (Continued)

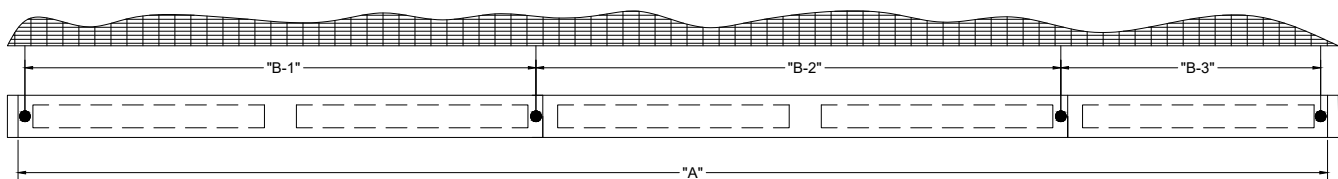Suspension spacing equals section length. Default location shown.

1FT INCREMENTS WITH A MINIMUM OF 4FT (EXCEPT 7 FT)

LEGEND:
A - Fixture Overall Length (excluding standard end caps on both ends).
B - Fixture Suspension Points center-to-center distance

RUN LAYOUT (MOUNTING)

ORDERED LENGTH	"A" O.A.L.	"B-1"	"B-2"	STANDARD END CAP* (*including end caps on both sides)	SCULPTED END CAP* (*including end caps on both sides)	APPROX. WEIGHT
4' SECTION 4' SECTION	8'- 0" [2438 mm]	3'- 11 3/16" [1200 mm]	4'- 0" [1220 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	44 lbs [20 kg]
5' SECTION 4' SECTION	9'- 0" [2743 mm]	4'- 11 3/16" [1503 mm]	4'- 0" [1220 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	48 lbs [22 kg]
6' SECTION 5' SECTION	11'- 0" [3353mm]	5'- 11 3/16" [1808 mm]	5'- 0" [1524 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	55 lbs [25 kg]
8' SECTION 4' SECTION	12'- 0" [3658 mm]	7'- 11 3/16" [2418 mm]	4'- 0" [1220 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	60 lbs [27 kg]
8' SECTION 5' SECTION	13'- 0" [3962 mm]	7'- 11 3/16" [2418 mm]	5'- 0" [1524 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	64 lbs [29 kg]
10' SECTION 5' SECTION	15'- 0" [4572 mm]	9'- 11 3/16" [3027 mm]	5'- 0" [1524 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	70 lbs [32 kg]
8' SECTION 8' SECTION	16'- 0" [4877 mm]	7'- 11 3/16" [2418 mm]	8'- 0" [2438 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	76 lbs [35 kg]
10' SECTION 8' SECTION	18'- 0" [5486 mm]	9'- 11 3/16" [3027 mm]	8'- 0" [2438 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	82 lbs [37 kg]

"Beginning of run fixture's center to center support spacing will be 13/16" less than the nominal fixture section length. Refer to Individual Fixture table for specific dimensions"

1FT INCREMENTS WITH A MINIMUM OF 4FT (EXCEPT 7 FT)

LEGEND:
A - Fixture Overall Length (excluding standard end caps on both ends).
B - Fixture Suspension Points center-to-center distance

RUN LAYOUT (MOUNTING)

ORDERED LENGTH	"A" O.A.L.	"B-1"	"B-2"	"B-3"	STANDARD END CAP* (*including end caps on both sides)	SCULPTED END CAP* (*including end caps on both sides)	APPROX. WEIGHT
10' SECTION 5' SECTION 4' SECTION	19'- 0" [5791 mm]	9'- 11 3/16" [3027 mm]	5'- 0" [1524 mm]	4'- 0" [1220 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	92 lbs [42 kg]
8' SECTION 8' SECTION 4' SECTION	20'- 0" [6096 mm]	7'- 11 3/16" [2418 mm]	8'- 0" [2438 mm]	4'- 0" [1220 mm]	1 1/4" [31.8 mm]	8" [203.2 mm]	98 lbs [45 kg]

"Beginning of run fixture's center to center support spacing will be 13/16" less than the nominal fixture section length. Refer to Individual Fixture table for specific dimensions"

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Peerless
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

Type:

Project:

MOST COMMON MOUNTING TYPES AND OPTIONS Options available for this specific luminaire are checked in the boxes below.
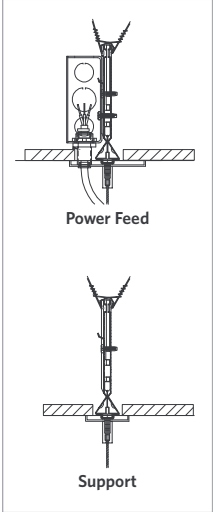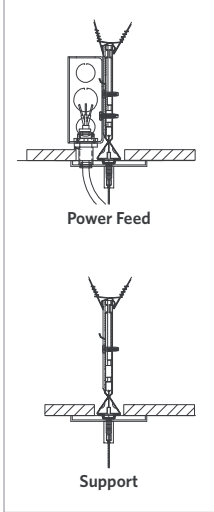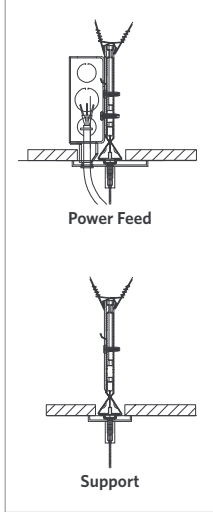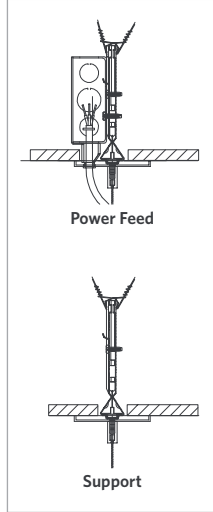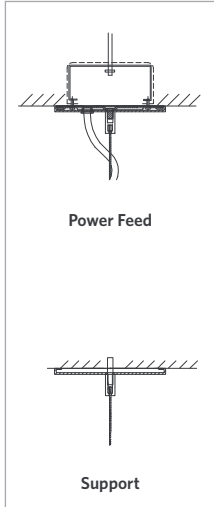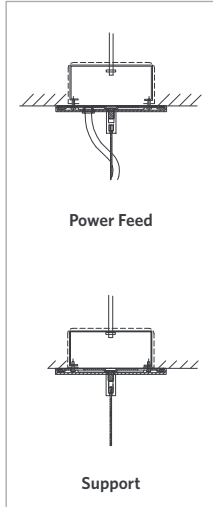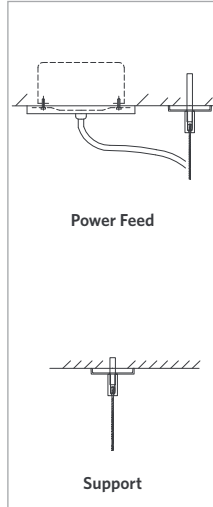
Mounting Type
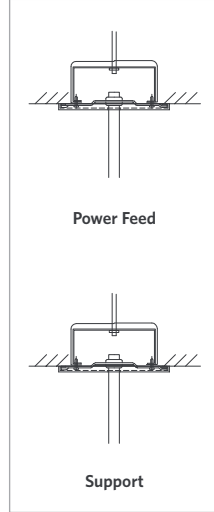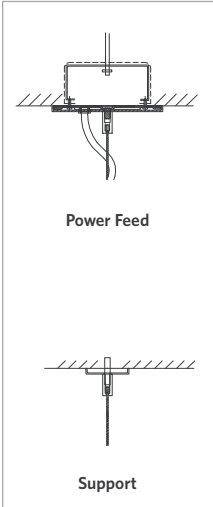
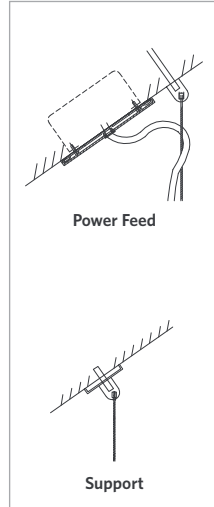**F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.

F2/ For use with recessed or surface mount horizontal J-box applications.

F3/ Stem mounting for use with recessed or surface mount horizontal J-box applications. *Check with local jurisdiction regarding rigid stem code requirements.*

F1A/ For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. *Comes complete with vertical J-box with built-in wire way. See also CP.*

Mounting Options

MCS Matching canopy at support for aesthetics.

MCSJ Matching canopy for J-box mounting at non-power feed support locations.

OJB Offset J-box at feed.

SLP OJB Sloped ceiling couplers and offset J-box option at feed.

For more detailed mounting drawings and information, see peerlesslighting.acuitybrands.com/resources/product-resources

☑ **Indicates mounting options available with this luminaire.**

☑ **F1/**

Power Feed

Support

☑ **F1/MCS**

Power Feed

Support

☑ **F1A/**

Power Feed

Support

☑ **F1A/MCS**

Power Feed

Support

☐ **F3/**

Power Feed

Support

☑ **F2/**

Power Feed

Support

☑ **F2/MCS**

Power Feed

Support

☑ **F2/MCSJ**

Power Feed

Support

☑ **F2/OJB**

Power Feed

Support

☑ **F2/SLP OJB**

Power Feed

Support

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Peerless
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

Type:

Project:

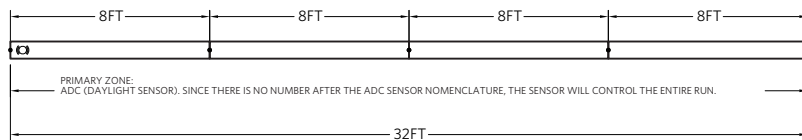## INTEGRATED SENSOR LAYOUT

CORRECT:

32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 24FT AND SECONDARY ZONE 8FT -- PDT24 SADC8
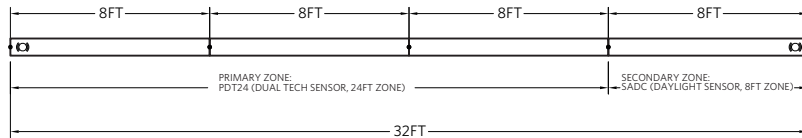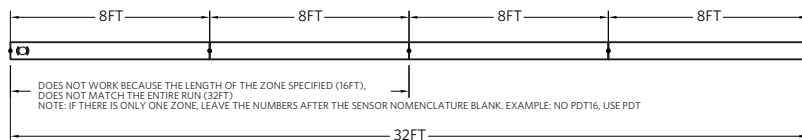

Notes:
- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones

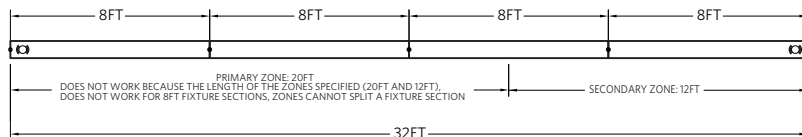32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- ADC

PRIMARY ZONE:
ADC (DAYLIGHT SENSOR). SINCE THERE IS NO NUMBER AFTER THE ADC SENSOR NOMENCLATURE, THE SENSOR WILL CONTROL THE ENTIRE RUN.

INCORRECT:

32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- PDT16

DOES NOT WORK BECAUSE THE LENGTH OF THE ZONE SPECIFIED (16FT),
DOES NOT MATCH THE ENTIRE RUN (32FT)
NOTE: IF THERE IS ONLY ONE ZONE, LEAVE THE NUMBERS AFTER THE SENSOR NOMENCLATURE BLANK. EXAMPLE: NO PDT16, USE PDT

32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 20FT AND SECONDARY ZONE 12FT -- PDT20 SADC12

PRIMARY ZONE: 20FT
DOES NOT WORK BECAUSE THE LENGTH OF THE ZONES SPECIFIED (20FT AND 12FT),
DOES NOT WORK FOR 8FT FIXTURE SECTIONS, ZONES CANNOT SPLIT A FIXTURE SECTION

SECONDARY ZONE: 12FT

MAINSTREAM DYNAMIC
BY ACUITY BRANDS

Type:

Project:

Peerless®
Lighting for People®

Bruno LED Tunable White
BRM9L | LED | I/D or Direct | Suspended

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

	Choose nomenclature from these columns					
Driver Configurations	**Minimum Dimming Level**	**Control Input**		**Driver**	**Dimming Range**	**Notes**
	DARK	+ NLT	=	eldoLED DualDrive	100% to .1%	Logarithmic Dimming, nIO EZDL CCT with lumaire

	Control Input	**Sensor**		**Sensor**	**Notes**
Control + Sensor Configurations	NLIGHT	+ ADC	=	SensorSwitch NES ADCX	nLight control Daylight Sensor
	NLIGHT	+ PDT	=	SensorSwitch NES PDT 7	nLight control Occupancy sensor
	NLIGHT	+ APDT	=	SensorSwitch NES PDT 7 ADCX	nLight 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.
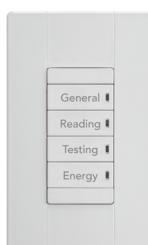
Lens rotates 15° to enable adjustment

4.5	15
3.8	12.5
3	10
2.5	7
1.5	5
0.75	2.5
0 m	0 ft
0.75	2.5
1.5	5
2.5	7
3	10
3.8	12.5
4.5	15
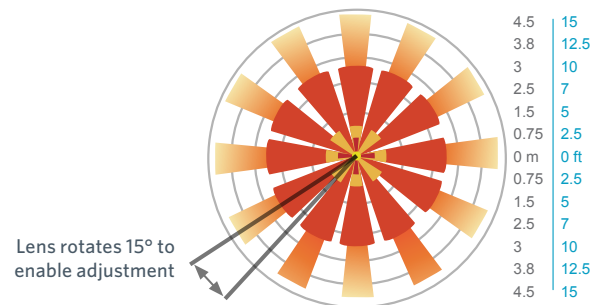
COMPATIBLE nLIGHT COMPONENTS WITH INTEGRATED CONTROLS

nPODMA 2P DX CCT WH

nPODMA 4S DX EDUTW WH

nPODMA 4S EDUTW WH

nPOD Unitouch WH

Sensor Switch.com/DataSheets/nPODMA.PDF

Sensor Switch.com/DataSheets/nPOD Unitouch.PDF

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

PeerlessLighting.com/eldoLED-compatibility

MAINSTREAM DYNAMIC
BY ACUITY BRANDS