Project _____

Type _____

Notes _____

_____

_____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
1000 lm/ft	11.5 W/ft	87 lm/W

Please consult factory for custom lumen output and wattage.

3 1/2"

3 1/16"

4"

4 1/8"
hole width

UL CERTIFIED SAFETY US·CA

IP65

CONTROL SENSORS

IC cULus Listed Type I.C.

LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

Ordering Guide

WBRVLED						S	
PRODUCT ID		**NOM.LUMENS/FT**		**CRI**	**COLOR TEMP.**	**SHIELDING**	**LENGTH (FT)**
WBRVLED	Recessed Vertical LED	**400** 400 lm/ft - Min.		**80** 80 CRI	**27** 2700 K	**S** satin lens	**2** 2'
		1000 1000 lm/ft - Max.		**90** 90 CR	**30** 3000 K		**3** 3'
					35 3500 K		**4** 4'
					40 4000 K		**5** 5'
							8 8'
							12 12'
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.					Nominal lit length not including end caps

FINISH		**VOLTAGE**		**DRIVER**		**CIRCUITS**		**MOUNTINGS**	
AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit	D	drywall flangeless
W	white	277	277 V	LT(#)	Lutron *	2	2 circuits	DF	drywall flange
BLK	black	347	347 V	BI	bi-level dimming	+E(#)	emergency circuit *	DS	drywall spackle flange
C	custom	UNV	universal	O(#)	other **	+NL(#)	night light circuit *		
		DC	low voltage*	POE(#)	POE drivers*	+GTD(#)	generator transfer device *		
		* Only available with POE drivers.		* Operating up to -20°C; Specify system ** Please consult factory; see page 2		* Specify quantity			

| **BATTERY (OPTIONAL)**		**OTHER (OPTIONAL)**		**IC CONTROLS (OPTIONAL)**		**CUSTOM (OPTIONAL)**	
B#	battery pack (integral)	+EF	end feed*	OS(#)	occupancy sensor	C	custom
		+N	natatorium finish	EN(#)	Enlighted integral		
				WC(#)	wireless control dimming		
Not available with 347V Please consult factory		* See page 3 for more details.		See integrated controls guide for further details Please consult factory		Please specify	

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

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July 5, 2023

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● HORIZONTAL RECESSED MOUNTING OPTIONS
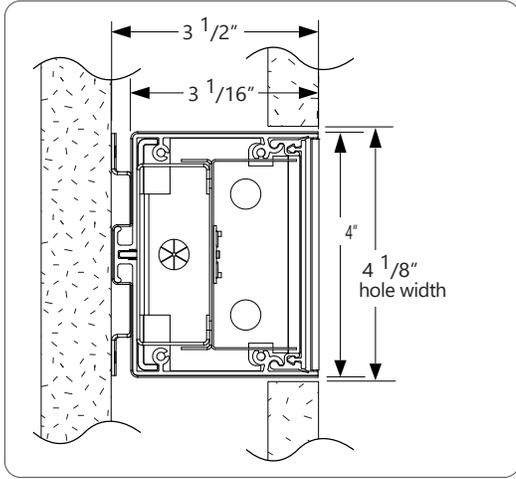
D DRYWALL FLANGELESS
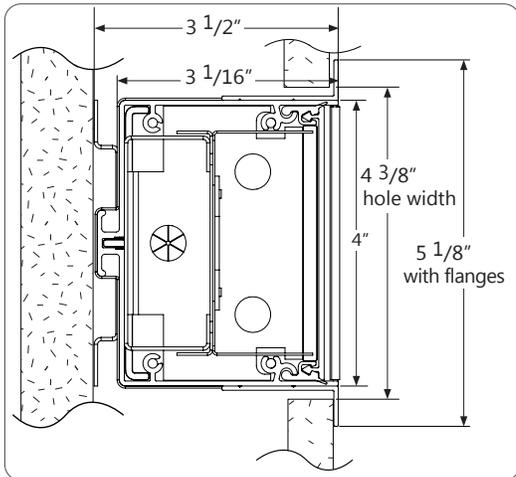
DF DRYWALL FLANGE
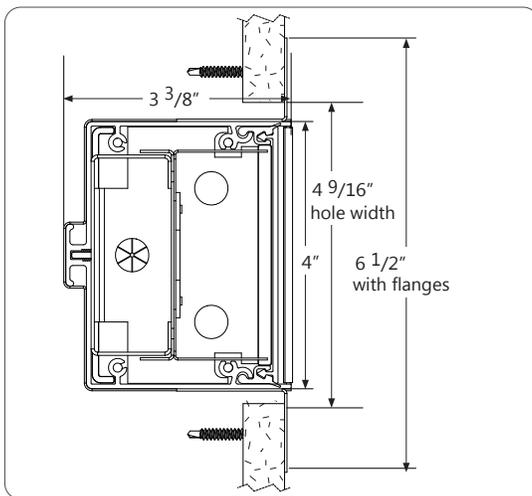
DS DRYWALL SPACKLE FLANGE

● OTHER MOUNTING OPTIONS

WET BEAM 4 LED is available with, pendant, surface, recessed horizontal and wall mounted options.

● CONSTRUCTION

Housing	Extruded aluminum (0.062'' nominal)
	Up to 70% recycled content
End Cap	Die cast zinc (0.070" nominal)
Interior Brackets	Die formed sheet steel (16 gauge)
Gaskets	Moulded elastomer (0.100" nominal)
Lens Gaskets	Extruded elastomer (0.045" nominal)
Satin Lens	Extruded Polycarbonate

● ELECTRICAL

Lutron driver	**LDE1** - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	**DALI** - Digital Addressable Lighting Interface
	DMX - Digital Multiplex
	Xitanium SR - For wireless sensor
Power over Ethernet POE drivers* UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE **O** - Other (Consult factory) *Consult factory
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.
Flex Whip	Shipped in a separate box for contractors to install

ⓘ Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

|	
CRI	Minimum 80 or 90 color rendering index.
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3–step MacAdam ellipse). Both within fixture and fixture to fixture.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25⁰C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
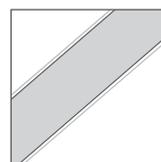
● OPTICS

SATIN LENS
Extruded Polycarbonate

S satin lens

● WEIGHT

Recessed Vertical 4 ft	12.8 lbs / 5.8 kg
Recessed Vertical 8 ft	24.5 lbs / 11.1 kg

ⓘ Row configuration, specification sheets and mounting spacing guides are available for download at: www.axislighting.com

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wet BEAM4 LED

● GASKETTED FIXTURE

With its gasketted end cap and lens the Wet BEAM 4 LED is made for wet locations, and is ideal for exterior soffits and canopies of malls, hospitals and other institutions.

● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● FINISH

Aluminum paint, powder coated and custom finishes are also available.

● POWER FEED

| TF | TOP FEED |
| EF | END FEED |

STANDARD

OPTIONAL
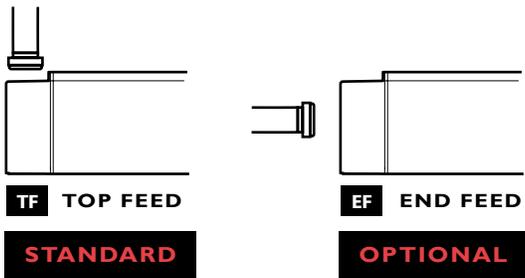
* Not available with 347 V.

● JOINER SYSTEM

WET BEAM4 LED modular system consists of smaller modules joined and gasketted together allowing for system runs in lengths of 4' and 8' as well as custom lengths up to 12'.
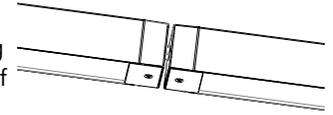
* For continuous rows allow 2" for connectors between each fixture.

● END VIEW

For D and DF mounting.

$3\frac{1}{2}$"
(adjustable±1/4)

$4\frac{1}{8}$"
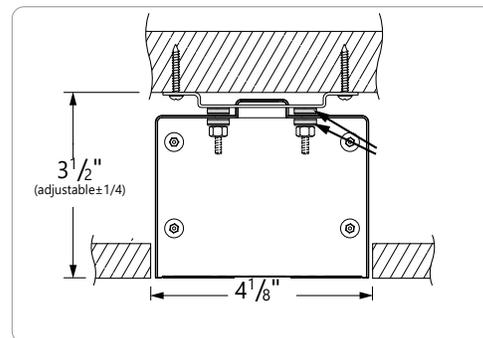
● APPROVALS

Certified wet locations to UL and CSA standards

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● PHOTOMETRIC DATA

1000 lm/ft
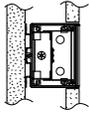
PHOTOMETRIC CURVE
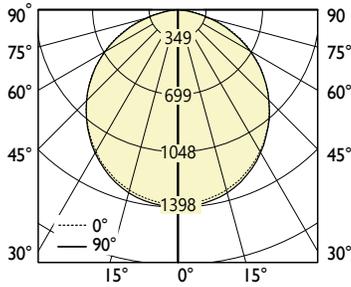
Luminaire Lumens: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 45.8 W/ft
Efficacy: 87 lm/W
IES FILE: WBRVLED-1000-80-35-S-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1397	1397	1397	1397	1397
5	1393	1391	1391	1389	1390
15	1347	1344	1341	1339	1338
25	1256	1250	1246	1243	1242
35	1123	1115	1109	1104	1104
45	952	943	935	929	928
55	748	738	729	720	718
65	514	503	492	482	479
75	272	262	249	236	233
85	57	49	39	30	27
90	4	3	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	132
10-20	380
20-30	577
30-40	699
40-50	728
50-60	659
60-70	496
70-80	271
80-90	58
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10617	10430	10350
55	10276	10017	9870
65	9587	9183	8941
75	8298	7599	7091
85	5172	3533	2411

ⓘ All IES files are available for download at: www.axislighting.com

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