wet BEAM4 LED | WALL MOUNT

Project _____

Type _____

Notes _____

_____

_____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
500 lm/ft	4.75 W/ft	104 lm/W
750 lm/ft	8.3 W/ft	90 lm/W

Please consult factory for custom lumen output and wattage.

Dimensions: 3 3/8", 3 1/16", 4", 4 3/8"

UL CERTIFIED SAFETY US·CA

CONTROL SENSORS

LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

Ordering Guide

WBWLED				S	
PRODUCT ID	**NOM.LUMENS/FT**	**CRI**	**COLOR TEMP.**	**SHIELDING**	**LENGTH (FT)**
WBWLED Wall Direct LED	**500** 500 lm/ft - Minimum **750** 750 lm/ft - Maximum	**80** 80 CRI **90** 90 CRI	**27** 2700 K **30** 3000 K **35** 3500 K **40** 4000 K	**S** satin lens	**2** 2' **3** 3' **4** 4' **5** 5' **8** 8' **S#** system run
	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.				

FINISH	**VOLTAGE**	**DRIVER**	**CIRCUITS**	**BATTERY (OPTIONAL)**
AP aluminum paint **W** white **BLK** black **C** custom	**120** 120 V **277** 277 V **347** 347 V **UNV** universal	**DP** dimming (0-10V) 1% **LT** Lutron [1] **BI** bi-level dimming **O** other [2]	**1** 1 circuit **2** 2 circuits **+E(#)** emergency circuit[3] **+NL(#)** night light circuit[3] **+GTD(#)** generator transfer device[3]	**B#** battery pack (integral)
		(1) Operating up to -20°C; Specify system (2) Please consult factory; see page 2	(3) Specify quantity	Not available with 347V Please consult factory

OTHER (OPTIONAL)	**IC CONTROLS (OPTIONAL)**	**CUSTOM (OPTIONAL)**
F fuse [4] **BF** back feed*	**OS#** occupancy sensor **EN** Enlighted integral **WC#** wireless control dimming	**C** custom **N** natatorium finish
(4) Requires 120V or 277V; * See page 2 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.

I / 3
December 18, 2018

FILE NAME:WBW.LED-B3.SPEC

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● MOUNTING OPTIONS

SIDE VIEW

adjustable mounting point spacing
(center on wall studs if possible)

51 1/2"

END VIEW

1 1/2"

4"
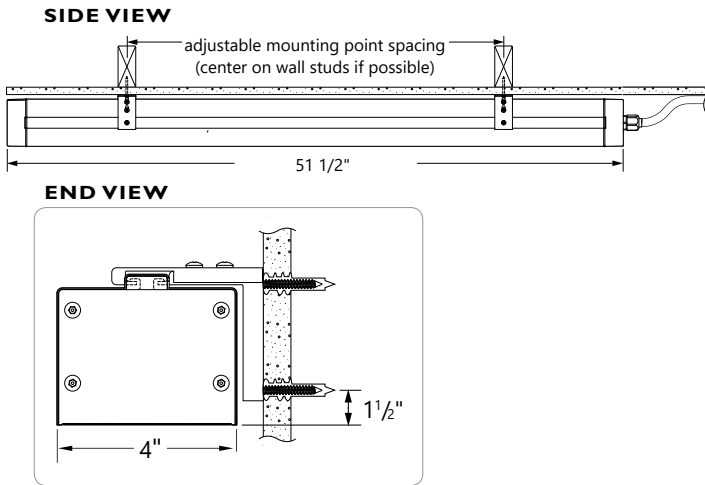
● OTHER MOUNTING OPTIONS

WET BEAM4 LED is available with recessed horizontal, recessed vertical, pendant, and surface mounted options.

● 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.

● WEIGHT

Wall 4 ft	12.8 lbs / 5.8 kg
Wall 8 ft	24.5 lbs / 11.1 kg

● POWER FEED

EF END FEED
STANDARD

BF BACK FEED
OPTIONAL

● FINISH

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

● GASKETTED FIXTURE

With its gasketted end cap and lens the Wet BEAM4 LED is made for wet locations, and is ideal for exterior soffits and canopies of malls, hospitals and other institutions.

● APPROVALS

Certified wet locations to UL and CSA standards (UL) CERTIFIED

● 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)
Frosted Lens	Frosted acrylic 68% transmissive
Wall Mounting Brackets	Die formed sheet steel (16 gauge)

● ELECTRICAL

Lutron driver*	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

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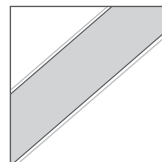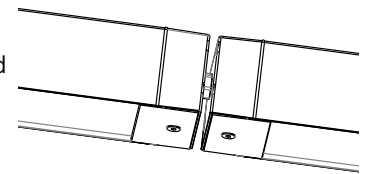
● OPTICS

SATIN LENS
PMMA satin finish (0.060" nominal) 68% trans.

S satin lens

● 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 8'.
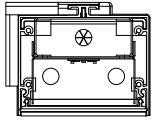

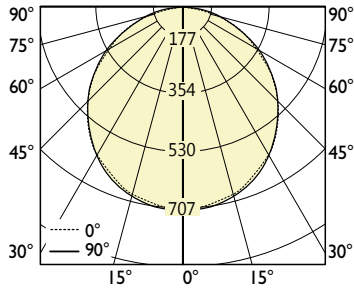* For continuous rows allow 2" for connectors between each fixture

● 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.

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

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2 / 3
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500 lm/ft

PHOTOMETRIC CURVE

Luminaire Lumens: 500 lm/ft
Input Watts: 4.75 W/ft
Efficacy: 104 lm/W
IES FILE: WBWLED-500-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	704	704	704	704	704
5	697	701	700	703	706
15	672	677	677	679	682
25	623	626	627	628	631
35	552	555	555	554	555
45	465	466	466	465	465
55	363	365	364	362	361
65	249	250	249	246	244
75	129	130	126	123	121
85	29	25	20	17	16
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	67
10-20	191
20-30	289
30-40	347
40-50	359
50-60	324
60-70	245
70-80	133
80-90	28
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5567	5579	5567
55	5357	5372	5328
65	4987	4987	4887
75	4219	4121	3957
85	2817	1942	1554

750 lm/ft
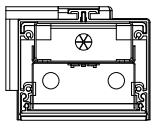
PHOTOMETRIC CURVE
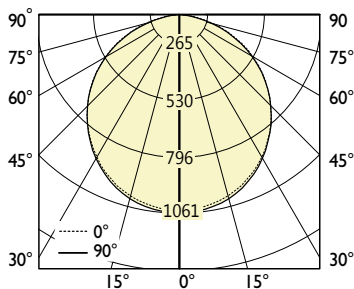
Luminaire Lumens: 750 lm/ft
Input Watts: 8.3 W/ft
Efficacy: 90 lm/W
IES FILE: WBWLED-750-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1056	1056	1056	1056	1056
5	1046	1052	1050	1055	1059
15	1008	1016	1016	1019	1023
25	935	939	941	942	947
35	828	833	833	831	833
45	698	699	699	698	698
55	545	548	546	543	542
65	374	375	374	369	366
75	194	195	189	185	182
85	44	38	30	26	24
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	100
10-20	287
20-30	433
30-40	520
40-50	539
50-60	486
60-70	368
70-80	200
80-90	43
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8350	8368	8350
55	8036	8058	7992
65	7481	7481	7331
75	6329	6181	5936
85	4225	2914	2331

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