

Wet Beam DI LED | Pendant mount



Project _____

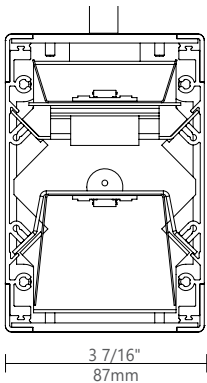
Type _____

Notes _____

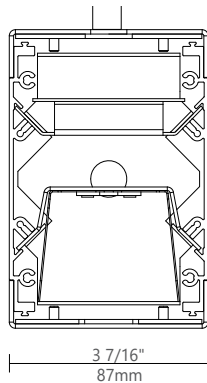
PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT		INPUT WATTS*	EFFICACY
UPLIGHT	DOWNLIGHT		
450 lm/ft	500 lm/ft	13.55 W/ft	70 lm/W

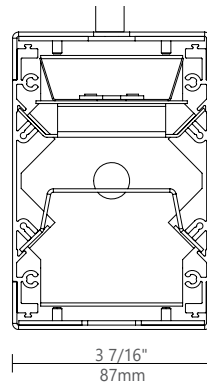
Please consult factory for custom lumen output and wattage.



Direct/Indirect



Direct



Indirect



Ordering Guide

PRODUCT ID		NOM.LUMENS/FT UP	NOM.LUMENS/FT DOWN	CRI	COLOR TEMP.	SO SHIELDING UP
WBDILED	Pendant Direct/Indirect LED	500 500 lm/ft up - Minimum	500 500 lm/ft down - Minimum	80 80 CRI	27 2700 K	SO spotless lens
WBDLED	Pendant Direct LED	1000 1000 lm/ft up - Maximum	1000 1000 lm/ft down - Maximum	90 90 CRI	30 3000 K	
WBILED	Pendant Indirect LED				35 3500 K	
					40 4000 K	
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.				Extruded Polycarbonate

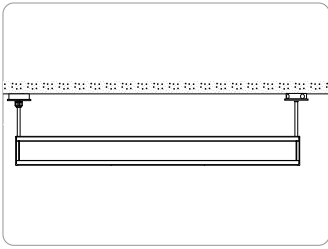
SO SHIELDING DOWN	LENGTH (FT)	FINISH	VOLTAGE	DRIVER	CIRCUITS
SO spotless lens	2 2' 3 3' 4 4' 6 6' 8 8' 12 12' S(L) system run	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT(#) Lutron * BI bi-level dimming O(#) other * POE(#) POE drivers*	1 1 circuit 2 2 circuits 2A/B 2 alternating +E(#) emergency section* +NL(#) night light section* +GTD(#) generator transfer device*
Extruded Polycarbonate	Minimum Length is 2ft Only available in full foot increments		* Only available with POE drivers.	* Operating up to -20°C; Specify system ** Please consult factory; see page 2	* Specify quantity

MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
SA(L) drywall+stem length <48" (18" std.)	B(#) battery pack	F fuse TF Top feed*	OS(#) occupancy sensor EN Enlighted integral WC(#) wireless control dimming	C custom N natatorium finish
	Requires 120V or 277V Minimum 5ft; Not available with 347V Please consult factory	*See page 2 for more details. Consult factory.	See integrated controls guide for more details. Please consult factory	Please specify

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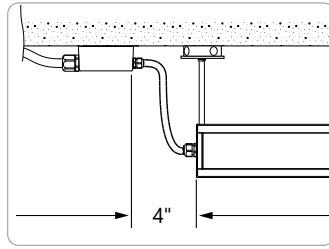
● MOUNTING OPTIONS

SAS STEM MOUNT IN SOLID CEILING



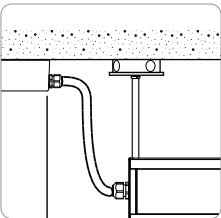
POWER FEED THROUGH STEM

Please consult factory for number of wire limit



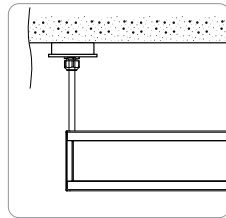
EF END FEED - STANDARD

● POWER FEED



EF END FEED

STANDARD

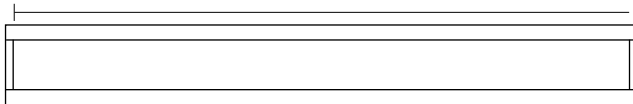


TF TOP FEED

OPTIONAL

● MOUNTING POINTS

4' - 49"
8' - 99"



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

● OTHER MOUNTING OPTIONS

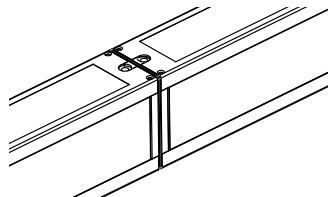
WET BEAM DI LED is also available in a wall mount.

● WEIGHT

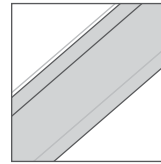
Pendant LED 4ft	12.8 lbs / 5.8 kg
Pendant LED 8ft	24.5 lbs / 11.1 kg

● GASKETED FIXTURE

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



● OPTICS



50 spotless lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

● 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)
Lens	Extruded polycarbonate (0.125" nominal)
Fasteners	All external fasteners are temper proof TORX T15H

● ELECTRICAL

Lutron driver*	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black LTEA - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
Power over Ethernet MOLEX	
POE drivers*	IGOR O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

- i** 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 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

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● WARRANTY

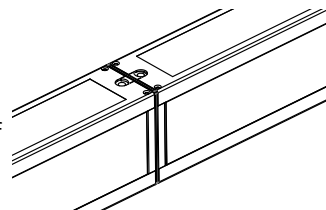
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

● FINISH

Powder coated and custom finishes are also available.

● JOINER SYSTEM

WET BEAM DI LED modular system consists of smaller modules joined and gasketed 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.

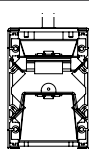
● APPROVALS

Certified wet locations to UL and CSA standards 

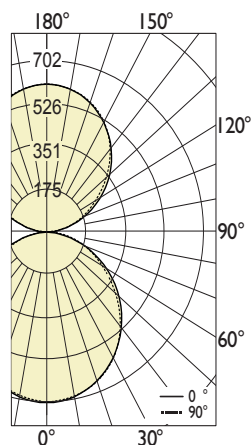
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● PHOTOMETRIC DATA

Uplight 45%
450 lm/ft
Downlight 55%
500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 450 lm/ft up
500 lm/ft down

Input Watts: 13.55W/ft

Efficacy: 70 lm/W

IES FILE: WBDILED-450-500-80-35-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	702	702	702	702	702
5	699	699	699	699	699
15	675	674	676	675	676
25	627	627	628	629	629
35	560	560	560	561	562
45	474	474	474	475	476
55	372	372	373	373	374
65	258	258	258	259	259
75	138	139	139	139	139
85	37	37	38	37	37
90	5	4	4	4	4
95	29	30	30	31	31
105	117	118	119	120	120
115	222	222	223	224	225
125	322	322	323	324	325
135	410	411	412	413	414
145	485	485	486	488	488
155	544	545	545	546	547
165	586	586	586	587	587
175	607	607	607	607	607
180	610	610	610	610	610

ZONAL LUMENS

Zone	Lumens
0	
0-10	66
10-20	190
20-30	289
30-40	350
40-50	365
50-60	332
60-70	255
70-80	147
80-90	42
90-100	35
100-110	125
110-120	220
120-130	288
130-140	317
140-150	304
150-160	251
160-170	165
170-180	57
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9306	9306	9345
55	9003	9028	9052
65	8475	8475	8508
75	7402	7455	7455
85	5893	6053	5893

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