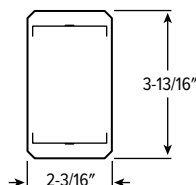
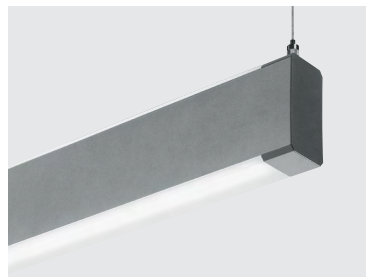


AX2UD tunable WHITE 2" Suspended Architectural Up/Down



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- Sleek, linear design incorporates clean lines and slim styling
- Slightly wrapped lens creates glowing edge and smooth illumination
- Attractive source of direct or indirect lighting for use in offices, hallways, conference rooms and medical facilities
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – Extruded aluminum.
- SHIELDING** – Frosted acrylic lens.
- FINISH** – Matte, smooth silver sparkle (ALUM) standard. All other colors default to textured finish. Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High-quality mid-power LED boards. L70 at 60,000 hours per IES TM-21.
- MOUNTING** – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: AX2UD - 4 - L33U/L33D/8TW - S - AC/D48 - OPTIONS - DALI - UNV

ORDERING INFO

SERIES	LENGTH	LUMEN PACKAGE (EXAMPLE: L33U/L33D/8TW)				FIXTURE TYPE
AX2UD	4 4'	Specify lumen packages: U for Uplight and D for Downlight				F Electrical feeder unit ^[1]
	8 8'					J Joiner unit ^[2]
		LUMENS ^[4]	U or D	CRI	CCT	S Stand-alone unit ^[3]
		4'	U Uplight	8 80	TW Tunable white (3000K-5000K)	
		L15 1,500lm	D Downlight	9 90 ^[5]	TW2 Tunable white (2700K-6500K)	
		L30 3,000lm				
		8'				
		L33 3,300lm				
		L60 6,000lm				

MOUNTING (EXAMPLE: AC/D48) ^[6]

Prefix	Type	Length
AC/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"

OPTIONS

See page 2 for FINISH OPTIONS.

EM/10WRM Remote mount 10-watt emergency battery ^[7]
 Additional lower lumen packages available. ^[8]
 Example: 2,500 nominal lumens =
 AX2UD-4-L30U/L30D/8TW-S-(L25U/L25D)

CONTROL ^[9]

DALI Driver prewired for DALI applications
DIM Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT
PSQ Lutron T-Series 2-channel tunable white 1%.

VOLTAGE

120 120V
277 277V
UNV 120-277V

NOTES

- 3-conductor straight white cord standard. Wire gauge to be determined by row length. Quick-connect wiring harness, two end plates, field installed.
- No cord, quick-connect wiring harness, no end plates.
- 3-conductor straight white cord standard, two end plates installed.
- Lumens based on 80 CRI/4000K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.

- Extended lead times may apply. Consult factory for availability.
- See page 3 for MOUNTING DETAILS.
- See page 3 for MOUNTING DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 2 for CONTROL DETAILS.



AX2UD tunable WHITE

2" Suspended Architectural Up/Down

FIXTURE PERFORMANCE DATA

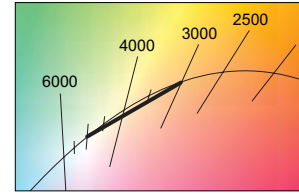
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	L15	1508	16.8	90
	L30	3029	35.9	84
8'	L33	3311	37.1	89
	L60	6058	71.8	84

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/4000K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- Fixture performance is the same for up and downlight.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

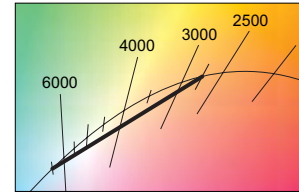
MULTIPLIER TABLE

COLOR TEMPERATURE					
	CCT	TW		TW2	
		LUMENS	WATTAGE	LUMENS	WATTAGE
80 CRI	2700K	—	—	0.93	1.02
	3000K	0.95	1.04	0.95	1.01
	3500K	0.98	1.02	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	0.96	1.04	1.02	1.00
90 CRI	6500K	—	—	1.01	1.04
	2700K	—	—	0.81	1.02
	3000K	0.83	1.04	0.83	1.01
	3500K	0.86	1.02	0.86	1.00
	4000K	0.88	1.00	0.88	1.00
	5000K	0.84	1.04	0.89	1.00
	6500K	—	—	0.88	1.04

TW

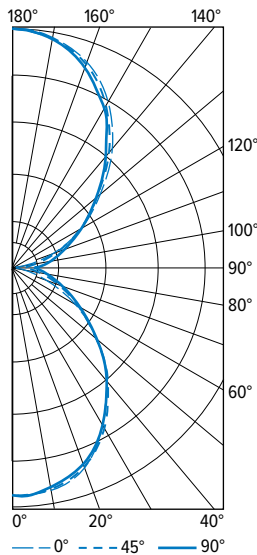


TW2



PHOTOMETRY

AX2UD-4-L30U/L30D/8TW-S Total Luminaire Output: 6058 lumens; 71.8 Watts | Efficacy: 84 lm/W | 80 CRI; 4000K CCT

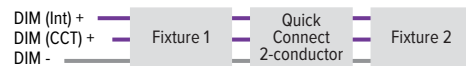


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1189	1189	1189	
5	1206	1179	1171	112
15	1151	1140	1129	320
25	1037	1022	1014	472
35	857	860	845	535
45	653	659	651	508
55	448	474	469	421
65	264	308	324	303
75	115	175	212	185
85	28	85	133	96
90	6	59	110	
95	39	104	162	112
105	162	197	238	212
115	317	329	344	330
125	506	490	496	443
135	702	677	659	526
145	902	876	859	549
155	1066	1049	1026	484
165	1183	1176	1164	331
175	1239	1242	1230	117
180	1244	1244	1244	

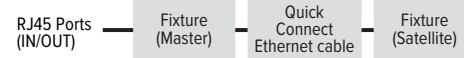
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	904	15
	0 - 40	1439	24
	0 - 60	2369	39
	0 - 90	2953	49
	90 - 120	654	11
	90 - 150	2173	36
	90 - 180	3106	51
	0 - 180	6058	100

CONTROL DETAILS

DIM



DMX



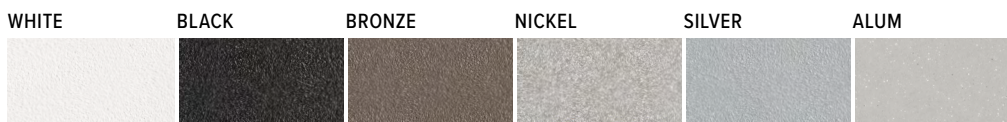
DALI



LUTRON T-SERIES



FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

Information contained herein is subject to change without notice.

REV.01/17/24.JL

Suspended

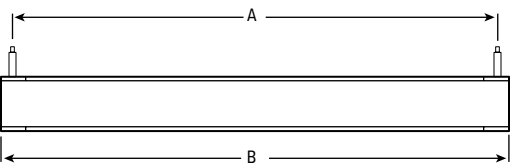
Page 2 of 3

AX2UD tunable WHITE

2" Suspended Architectural Up/Down

MOUNTING DETAILS

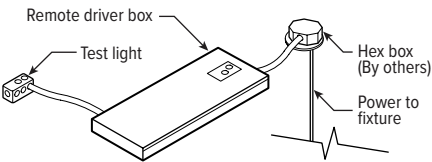
SIDE VIEW



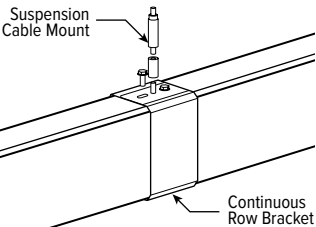
NOMINAL LENGTH	MOUNTING LENGTH (A)	ACTUAL LENGTH (B)
4'	46-13/16"	48-1/16"
8'	89-7/8"	91-1/8"

REMOTE MOUNT BATTERY

Max remote distance 50'.

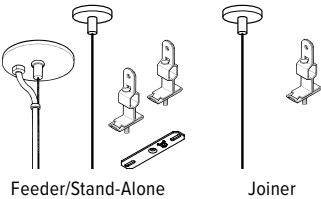


CONTINUOUS ROW FIXTURES



When row mounting fixtures, joint between fixtures will be visible at 4' or 8' intervals depending on fixture length.

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

