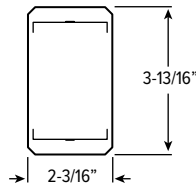
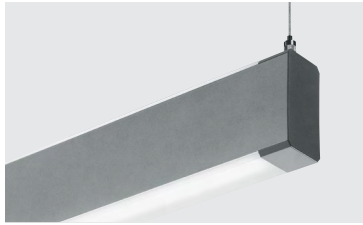


# AX2UD<sup>LED</sup> 2" Suspended Architectural Up/Down



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Sleek, slim architectural design provides direct or indirect light
- Slightly wrapped lens creates glowing edge and smooth illumination
- Attractive source of direct and 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 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 –
  - cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

ORDERING EXAMPLE: AX2UD - 4 - L33/835U/L33/835D - S - AC/D48 - OPTIONS - DIM - UNV

## ORDERING INFO

SERIES	LENGTH	LUMEN PACKAGE (EXAMPLE: L33/835U/L33/835D)				FIXTURE TYPE
AX2UD	4 4'	Specify lumen packages: <b>U</b> for Uplight and <b>D</b> for Downlight				<b>F</b> Electrical feeder unit <sup>[1]</sup>
	8 8'	<b>LUMENS</b> <sup>[4]</sup>	<b>CRI</b>	<b>CCT</b>	<b>U or D</b>	<b>J</b> Joiner unit <sup>[2]</sup>
	4'	<b>4'</b>	<b>8 80</b>	<b>27 2700K</b>	<b>U</b> Uplight	<b>S</b> Stand-alone unit <sup>[3]</sup>
		<b>L16</b> 1,600lm	<b>9 90</b> <sup>[5]</sup>	<b>30 3000K</b>	<b>D</b> Downlight	
		<b>L24</b> 2,400lm		<b>35 3500K</b>		
		<b>L33</b> 3,300lm		<b>40 4000K</b>		
	8'	<b>8'</b>		<b>50 5000K</b>		
		<b>L33</b> 3,300lm				
		<b>L50</b> 5,000lm				
		<b>L66</b> 6,600lm				

## MOUNTING (EXAMPLE: AC/D48)<sup>[6]</sup>

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

## OPTIONS<sup>[7]</sup>

**C2\_** Two-circuit quick-connect wiring harness.<sup>[8]</sup>  
**(L\_)** Additional lower lumen packages available.<sup>[9]</sup>  
 Example: 3,000 nominal lumens = AX2UD-4-L33/835U/L33/835D-S-(L30)

## DRIVER<sup>[10]</sup>

<b>DRV</b>	Non-dimming driver <sup>[11]</sup>
<b>DIM</b>	Dimming driver <sup>[12]</sup>
<b>DRVU/DRVD</b>	Non-dimming driver <sup>[13]</sup>
<b>DIMUDRVD</b>	Dimming driver on up portion only <sup>[14]</sup>
<b>DRVUDIMD</b>	Dimming driver on down portion only <sup>[15]</sup>

## VOLTAGE

<b>120</b>	120V
<b>277</b>	277V
<b>UNV</b>	120-277V

## NOTES

- <sup>1</sup> 3-conductor straight white cord standard. Wire gauge to be determined by row length, quick-connect wiring harness, two end plates, field installed.
- <sup>2</sup> No cord, quick-connect wiring harness, no end plates
- <sup>3</sup> 3-conductor straight white cord standard, two end plates installed
- <sup>4</sup> Lumens based on 3500 CCT. Actual lumens may vary +/-5%, additional lumen packages available, see options.
- <sup>5</sup> Extended lead times may apply. Consult factory for availability.
- <sup>6</sup> See page 2 for MOUNTING DETAILS.
- <sup>7</sup> See page 3 for FINISH OPTIONS.
- <sup>8</sup> See page 3 for QUICK CONNECT OPTIONS.
- <sup>9</sup> Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- <sup>10</sup> Not available with DIMU/DIMD. See page 3 for ADDITIONAL DRIVER OPTIONS.
- <sup>11</sup> Entire fixture switches together
- <sup>12</sup> Entire fixture switches and dims together
- <sup>13</sup> Up and down portions switch separately
- <sup>14</sup> Up and Down portions switch together
- <sup>15</sup> Up and Down portions switch together



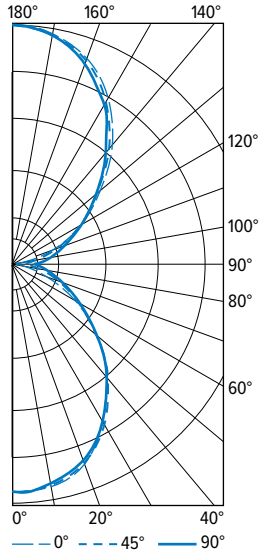
# AX2UD<sup>LED</sup> 2" Suspended Architectural Up/Down

## WATTAGE DETAILS

LED PACKAGE		TOTAL WATTS
UP	DOWN	
L16	L16	32
L24	L24	48
L33	L33	84
L50	L50	124
L66	L66	166

## PHOTOMETRY

AX2UD-4-L33/835U/L33/835D-S-DIMU/DIMD-UNV Report #: 18754.0; 03/11/15 | Total Luminaire Output: 6618 lumens; 82.9 Watts | Efficacy: 79.9 lm/W | 84 CRI; 3478K CCT

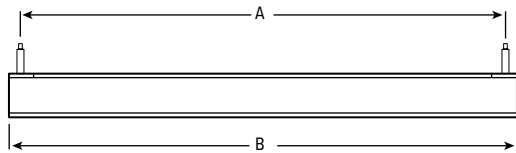


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1297	1297	1297	
5	1315	1286	1277	123
15	1256	1243	1231	351
25	1131	1115	1106	518
35	935	938	922	587
45	712	719	710	556
55	489	517	512	460
65	288	336	353	329
75	125	191	231	199
85	30	93	145	101
90	6	64	120	
95	43	113	177	122
105	177	215	260	229
115	346	359	375	358
125	552	534	541	484
135	766	739	719	577
145	984	955	937	601
155	1163	1144	1119	531
165	1290	1283	1270	364
175	1351	1355	1342	129
180	1357	1357	1357	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	993	15
	0 - 40	1580	24
	0 - 60	2595	39
	0 - 90	3224	49
	90 - 120	709	11
	90 - 150	2370	36
	90 - 180	3394	51
	0 - 180	6618	100

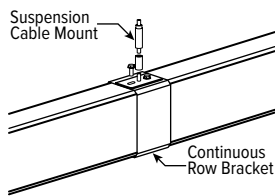
## MOUNTING DETAILS

### SIDE VIEW



NOMINAL LENGTH	MOUNTING LENGTH (A)	ACTUAL LENGTH (B)
2'	24-5/8"	25-7/8"
4'	46-13/16"	48-1/16"
8'	89-7/8"	91-1/8"

### CONTINUOUS ROW FIXTURES

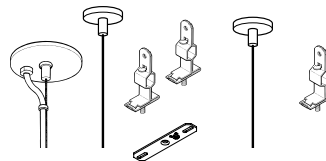


When row mounting fixtures, joint between fixtures will be visible at 4' or 8' intervals depending on fixture length.

### STANDARD HARDWARE (Grid & Hardpan)

#### FEEDER/STAND-ALONE

#### JOINER



- 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.



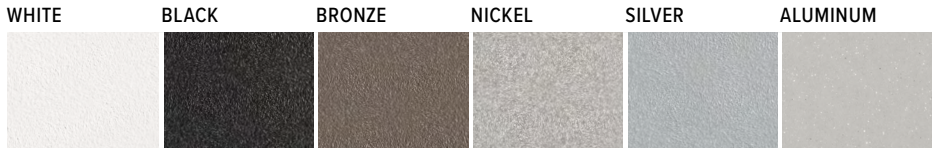
# AX2UD<sup>LED</sup> 2" Suspended Architectural Up/Down

## ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications; entire fixture switches together
DIM	Dimming driver prewired for 0-10V low voltage applications; entire fixture switches and dims together
DRVU/DRVD	Driver prewired for non-dimming applications; up and down portions switch separately
DRVU/DIMD	Driver prewired for non-dimming applications; up and down portions switch separately; 0-10V on down portion only
DIMU/DRVD	Up and down portions switch separately; dimming driver prewired for 0-10V low voltage applications on up portion only
DRVDIMU	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on up portion only
DRVDIMD	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on down portion only
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
DIM LINEU/DIM LINED	Line voltage switching and line voltage dimming; up and down portions switch separately
DIM LINEU/DRVD	Up and down portions switch separately; line voltage dimming on up portion only
DRVU/DIM LINED	Up and down portions switch separately; line voltage dimming on down portion only

## 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.

## QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Not available in 2' and 3' fixtures.

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C2BW/RV	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

