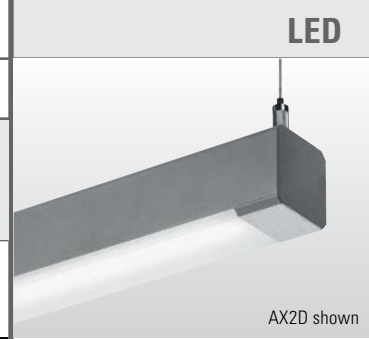


2" SUSPENDED ARCHITECTURAL

AX2

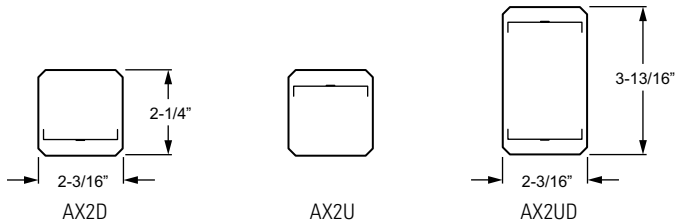
CATALOG #:	TYPE:
PROJECT:	NOTES:



EXAMPLE AX2 U - 4 - L33/835 - S - AC/D48 - OPTIONS - DIM - UNV

SERIES DIST. NOMINAL LENGTH LUMEN PACKAGE CRI & CCT FIXTURE TYPE MOUNTING OPTIONS DRIVER VOLTAGE

CROSS SECTIONS



ORDERING INFORMATION

SERIES
AX2 2" Suspended Architectural

DISTRIBUTION
U Uplight
D Downlight
UD Up and Downlight

NOMINAL LENGTH
2 2' (Uplight or Downlight only)
4 4'
8 8'

LED PACKAGE
UPLIGHT OR DOWNLIGHT ONLY

EXAMPLE: L33/835			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
2'			
L16	1,600	827 = 82 CRI, 2700K	18
4'			
L33	3,300	830 = 82 CRI, 3000K	42
8'			
L66	6,600	840 = 82 CRI, 4000K 850 = 82 CRI, 5000K	83

UP & DOWNLIGHT ONLY
System wattage per compartment shown.
Specify lumen packages: **U** for Uplight and **D** for Downlight.

EXAMPLE: L33/835U/L33/835D			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
4'			
L16	1,600	827 = 82 CRI, 2700K 830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K 850 = 82 CRI, 5000K	18
L24	2,400		27
L33	3,300		42
8'			
L33	3,300	U or D	42
L50	5,000		62
L66	6,600		83

Additional LED lumen packages available, see options.

FIXTURE TYPE
F Electrical feeder unit, 3-conductor straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, two end plates, field installed.
J Joiner unit, no cord, quick-connect wiring harness, no end plates
S Stand-alone unit, 3-conductor straight white cord standard, two end plates installed

MOUNTING
See page 3 for details.

EXAMPLE: AC/D48		
MOUNTING	TYPE	LENGTH
AC/ = Aircraft	D = 1' grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"

OPTIONS
EM drivers not available.
For color options, visit the AX2 online at hew.com.
C2_ Two-circuit quick-connect wiring harness. See [Technical Info](#) for complete quick-connect offering.
(L_) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 2,500 nominal lumens = AX2U-4-L33/835-S-(L25)

DRIVER
Additional dimming drivers available, see [Technical Info](#).
Not available with DIMU/DIMD.

AX2U OR AX2D
DRV Driver prewired for non-dimming applications
DIM Dimming driver prewired for 0-10V low voltage applications
AX2UD
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)
DIMUDRVD Up and down portions switch together with 0-10V dimming on up portions only
DRVUDIMD Up and down portions switch together with 0-10V dimming on down portions only

VOLTAGE
120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Available in six finish colors; matte, smooth aluminum standard.
- ▶ 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
- ▶ Frosted acrylic lens
- ▶ This fixture is proudly made in the USA



LED

PHOTOMETRY

SPECIFICATIONS

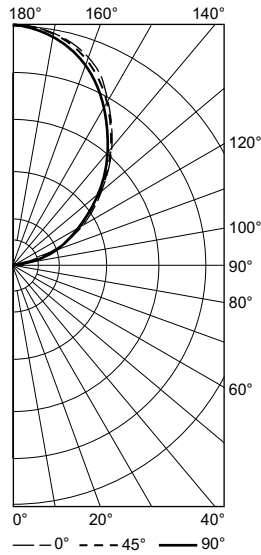
Housing – Extruded aluminum.
Shielding – Frosted acrylic lens.
Finish – Matte, smooth silver sparkle standard. All other colors default to textured finish. Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase 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.
Labels – 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 www.hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

TOTAL SYSTEM WATTAGE		
LUMEN PACKAGE		TOTAL WATTS
UP	DOWN	
L16	L16	32
L24	L24	48
L33	L33	84
L50	L50	124
L66	L66	166

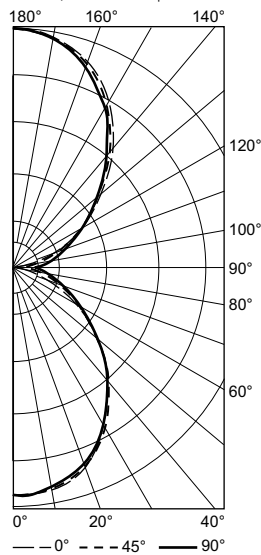
AX2U-4-L33/835-S-DIM-UNV Report #: 18753.0; 03/11/15 | Total Luminaire Output: 3248 lumens; 41.6 Watts
 Efficacy: 78.2 lm/W | 84 CRI; 3483K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	0	0	0	
5	0	0	0	0
15	0	0	0	0
25	0	0	0	0
35	0	0	0	0
45	0	0	11	2.2
55	0	8	19	7.9
65	0	13	28	12.6
75	0	20	40	21.0
85	1	26	47	27.4
90	9	37	63	
95	40	68	97	75.0
105	168	179	205	195.4
115	331	328	334	332.1
125	523	513	492	463.4
135	725	706	686	552.6
145	927	918	887	576.0
155	1123	1104	1082	511.4
165	1237	1229	1208	347.9
175	1293	1294	1288	123.5
180	1304	1304	1304	

Zone	Lumens	% Fixture
0 - 30	0	0
0 - 40	0	0
0 - 60	10	0.3
0 - 90	71	2.2
90 - 120	603	18.5
90 - 150	2194	67.6
90 - 180	3177	97.8
0 - 180	3248	100.0

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 | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1297	1297	1297	
5	1315	1286	1277	123.2
15	1256	1243	1231	351.4
25	1131	1115	1106	518.0
35	935	938	922	587.1
45	712	719	710	556.0
55	489	517	512	459.6
65	288	336	353	328.5
75	125	191	231	199.3
85	30	93	145	101.1
90	6	64	120	
95	43	113	177	121.9
105	177	215	260	229.1
115	346	359	375	357.6
125	552	534	541	483.9
135	766	739	719	577.1
145	984	955	937	600.9
155	1163	1144	1119	530.8
165	1290	1283	1270	363.9
175	1351	1355	1342	129.1
180	1357	1357	1357	

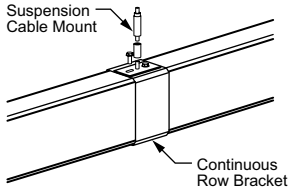
Zone	Lumens	% Fixture
0 - 30	993	15
0 - 40	1580	23.9
0 - 60	2595	39.2
0 - 90	3224	48.7
90 - 120	709	10.7
90 - 150	2370	35.8
90 - 180	3394	51.3
0 - 180	6618	100.0

FIXTURE 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"

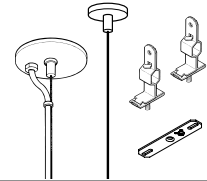
CONTINUOUS ROW FIXTURES

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

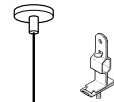


STANDARD HARDWARE (Grid and Hardpan)

FEEDER



JOINER



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.

