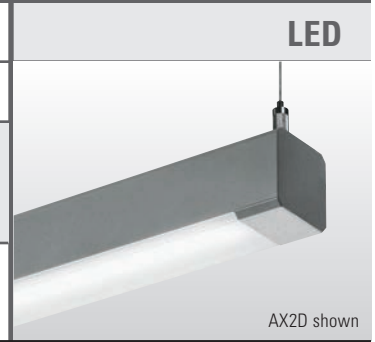


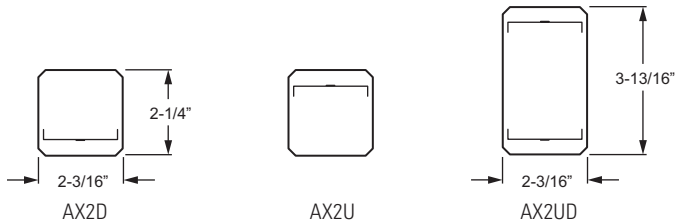
2" SUSPENDED ARCHITECTURAL

AX2

CATALOG #:	TYPE:								
PROJECT:	NOTES:								
EXAMPLE AX2 U - 4 - L33/835 - S - AC/D48 - OPTIONS - DIM - UNV									
SERIES	DIST.	NOM. 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	830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K	18
4'			
L33	3,300		42
8'			
L66	6,600		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	830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K	18
L24	2,400		27
L33	3,300		42
8'			
L33	3,300		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.

OCC__ Factory-installed occupancy and daylight sensor, adds 6" to overall nominal length of fixture run (120V or 277V only): **OCCPH LRI1655 120/277**
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
UPLIGHT OR DOWNLIGHT ONLY

DRV Driver prewired for non-dimming applications
DIM 10% dimming driver prewired for 0-10V low voltage applications

UP & DOWNLIGHT ONLY
DRV Driver prewired for non-dimming applications (applies to entire fixture in UD application)
DIM 10% dimming driver prewired for 0-10V low voltage applications (applies to entire fixture in UD application)

For separate switching of up and down distributions, specify drivers: **U** for Uplight and **D** for Downlight (DIMU/DIMD not available). EXAMPLE: **DRVU/DRVD**

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
- ▶ LED technology provides high efficacy and energy efficiency
- ▶ Rated for 60,000 hours at 70% lumen maintenance (L70)
- ▶ Minimum 82 CRI; 3000K, 3500K, or 4000K CCT
- ▶ This fixture is proudly made in the USA



LED

SPECIFICATIONS

Housing – Extruded aluminum.
Shielding – Frosted acrylic lens.
Finish – Matte, smooth silver sparkle SKT 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.

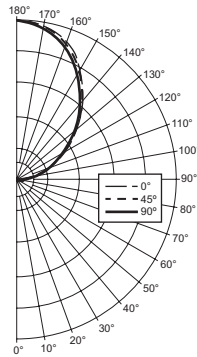
TOTAL SYSTEM WATTAGE		
LUMEN PACKAGE		TOTAL WATTS
UP	DOWN	
L16	L16	32
L24	L24	48
L33	L33	84
L50	L50	124
L66	L66	166

PHOTOMETRY

Catalog #: **AX2U-4-L33/835-S-DIM-UNV**

TEST REPORT INFORMATION

- ▶ Test Report #: 18753.0
- ▶ Date: 03/11/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 3248**
- ▶ **Watts: 41.6**
- ▶ **Lumens Per Watt: 78.2**
- ▶ **CRI: 84**
- ▶ **CCT: 3483K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	0.	0.	0.	0.0
5°	0.	0.	0.	0.0
15°	0.	0.	0.	0.0
25°	0.	0.	0.	0.0
35°	0.	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.	33.1
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.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	0.	0.0
0° - 40°	0.	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
Total Luminaire:		
0° - 180°	3248.	100.0

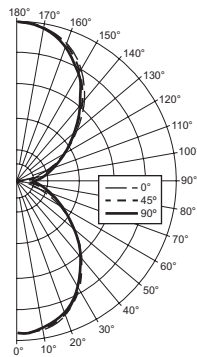
IES Spacing Criteria: End = 1.2
 Diagonal = 1.2
 Across = 1.2

PHOTOMETRY

Catalog #: **AX2UD-4-L33/835U/L33/835D-S-DIMU/DIMD-UNV**

TEST REPORT INFORMATION

- ▶ Test Report #: 18754.0
- ▶ Date: 03/11/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 6618**
- ▶ **Watts: 82.9**
- ▶ **Lumens Per Watt: 79.9**
- ▶ **CRI: 84**
- ▶ **CCT: 3478K**



CANDLEPOWER DISTRIBUTION

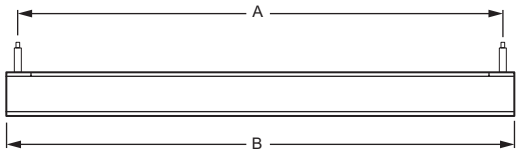
Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1297.	1297.	1297.	123.2
5°	1315.	1286.	1277.	123.2
15°	1256.	1243.	1231.	351.4
25°	1131.	1115.	1106.	518.0
35°	935.	938.	922.	587.1
45°	712.	719.	710.	556.0
55°	489.	517.	512.	459.6
65°	288.	336.	353.	328.5
75°	125.	191.	231.	199.3
85°	30.	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.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	993.	15.0
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
Total Luminaire:		
0° - 180°	6618.	100.0

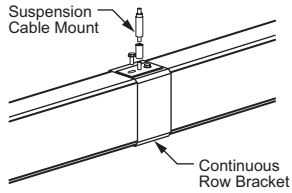
IES Spacing Criteria: End = 1.2
 Diagonal = 1.2
 Across = 1.2

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"

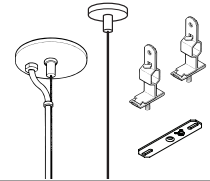
CONTINUOUS ROW FIXTURES

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

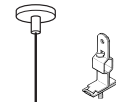


STANDARD HARDWARE (Grid and Hardpan)

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.

OCCUPANCY SENSOR DETAIL

