

DIRECT		INDIRECT	
LUMENS/FT	WATTS/FT	LUMENS/FT	WATTS/FT
1000	9.5	1000	9.5
750	6.5	750	6.5
500	4.5	500	4.5

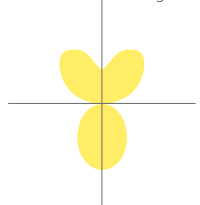
FEATURES

The AC1 acoustic linear offers an aesthetically pleasing source of illumination, while providing the solution to high noise levels found in open, multi-functional spaces. The sound absorbing material consists of 2 layers of 5mm thick PET felt, with 50% post-consumer recycling; a strong, durable and versatile product that is available in an array of colors. With the ability to create a multitude of configurations, the luminaire complements applications such as corporate offices, educational, commercial, and retail spaces, leaving a long-lasting impression.

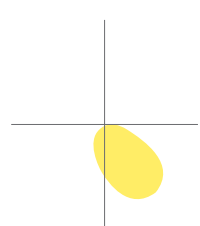
LUMENS PER FOOT	Direct 500, 750, 1000 or Custom Indirect 500, 750, 1000 or Custom
CCT & DYNAMIC PLATFORMS	30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
WIDTHS	2", 4"
LENGTHS	2', 4', 6', 8'
DISTRIBUTION PATTERNS	Direct: Standard, Wall Wash Indirect: Standard, Wall Wash, Batwing
CONFIGURATION PATTERNS & LENGTHS	Single, Square, Rectangular, L-Shape, Custom with 90, 60, or 45 Deg Angles
MOUNTING	Suspended
ACOUSTIC MATERIAL COLORS	Reference Acoustic Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, DIMST, ELDO10.1, ELDODMX.1, DALI.1
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



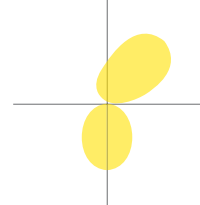
Distribution Pattern:
Direct: Standard
Indirect: Batwing



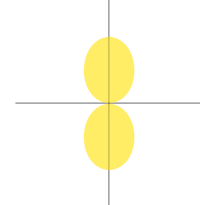
Distribution Pattern:
Direct: Wall Wash



Distribution Pattern:
Direct: Standard
Indirect: Wall Wash



Distribution Pattern:
Direct: Standard
Indirect: Standard



OPTICS & PERFORMANCE

Fabricated from 20-gauge aluminum, with mitered corners, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high quality acrylic lens for optimal distribution patterns, creating glare-free and even distributions. Distributions include Direct Downlight or Wall Wash, and Indirect Batwing, Wall Wash, or Standard; all with zero light leakage.

CONSTRUCTION

One-piece rigid aluminum extrusion, made of T6063-T5 aluminum, with cast aluminum end caps. A precision cut, smooth white extruded frosted lens with snap in design attaches firmly into the grooves of the body and can be easily removed for access to the driver and LED boards.

For indirect distribution, the lens can be installed flush against the luminaire, or extended off the surface of the luminaire, creating a soft glow of illumination.

MAINTENANCE

Acoustical material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

OPTICAL ASSEMBLY

Reflector is fabricated from 20-gauge aluminum, and post-painted finish with 95% reflective premium paint. Wall Wash reflectors are positioned at an angle.

DISTRIBUTION PATTERNS & DIFFUSER

Standard Distribution: A high-quality, smooth white frosted efficient acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-free, even illumination.

Wall Wash Distribution: Illuminates from the ceiling, down, for uniform vertical illumination.

Batwing Distribution: Illuminates with a wide spread distribution for more energy efficiency and increased ceiling uniformity.

SUPPORT CABLE/FEED

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 10' length. A 5-conductor cable is standard for delivering independent, uplight, downlight, or combined up/downlight. A 6-conductor cable for emergency power. Field adjustable length. Max. Support every 8 feet.

LUMINAIRE CONTROL

Luminaire can be pre-wired for independent 2-circuit control of uplight, downlight, or 1-circuit control for combined up/downlight.

CRM INSTALLATION

For continuous row mounting, the first luminaire in the row will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together, then secured with two screws from opposite directions in the connecting brackets. This allows the luminaires to be continuously connected by only removing the lenses. There is no need to remove any other parts in the fixture to install the continuous run.


DRIVER ELECTRICAL INFORMATION


Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and Female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous wiring. Each luminaire must be installed male to female.


OPTIONS

Available without light source.

LED DYNAMIC PLATFORM OPTIONS

 Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)

 Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3500K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)

 RGB+White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

ELD010.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

DALI - DALI DT6, DT8 dimming down to 1%.

ELDDDMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

DIMST-Step Dimming

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

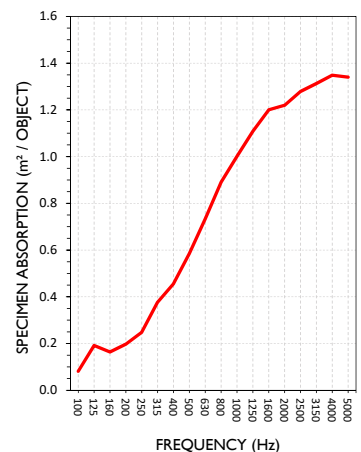
c-UL-us - Listed for Feed Through Wiring.

Listed for DLC, California Title 24 compliant.

Listed for Damp location.

Sound Absorption Results

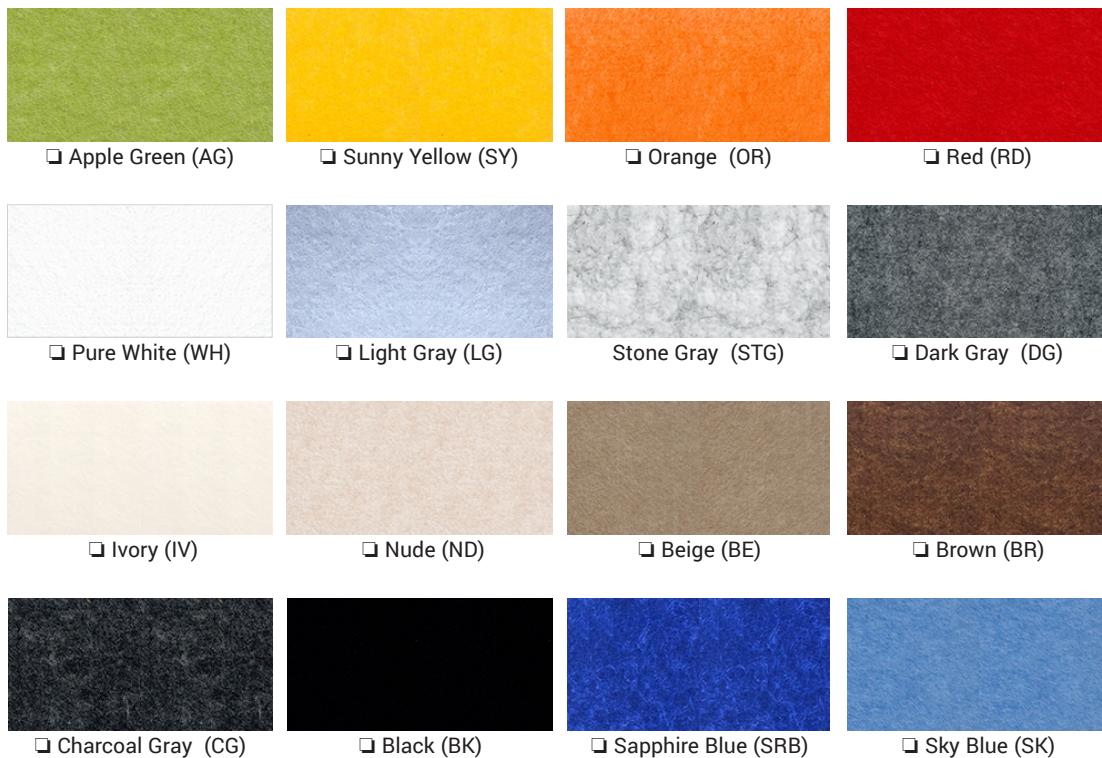
Mix of Acoustical Light and Blank Fixtures (alternating pattern) - J Mount 8 units spaced 24"oc suspended from cables 60" from test surface
A19-274



Example: **OLS-DI-LED-AC1-4-S-8-12-D500L-U500-DIM10-MVOLT-35K-85-EG**

OLS-DI-LED-AC1	Single Run	HEIGHT 6 - 6" 8 - 8" 12 - 12" 16 - 16"	DIRECT LUMENS D500L - per ft. D750L - per ft. D1000L - per ft. NLS - No Light Source	DISTRIBUTION (blank) WW	INDIRECT LUMENS U500L - per ft. U750L - per ft. U1000L - per ft. NLS - No Light Source	DISTRIBUTION (blank) WW BW	DIMMING DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLum LUT2W - Lutron 2-Wire ELDO10.1 - EidoLED 0-10V DALI.1 - EidoLED DALI Type 8 ELDODMX - EidoLED DMX	VOLTAGE 120 277 MVOLT 347*	CRI 85	Acoustic Material Colors Reference Acoustic Material color Chart EX: EG-Emerald Green	CCT 30K 35K 40K 50K	EMERGENCY 0-EMG-LED
SERIES OLS-DI-LED-AC1 -OracleSuspended Direct/Indirect LED Linear	WIDTH 2 - 2" 4 - 4"	2, 4, 6 or 8'		NUMBER OF CIRCUITS 1C (Up and Down Lights Controlled Together) 2C (Up and Down Lights Controlled Individual)								
SHAPE S - Single Unit CR - Continuous Run REC - Rectangle CUS - Custom (Consult Factory)		Cont. Run		*XX is Length in Feet YY is Fraction in Inches e.g. 22.6 is 22 feet and 6 inches		DRAW YOUR CUSTOM SHAPE HERE						OTHER OPTIONS FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interf. Sensor USA - Made in America Compliance OCGSS - Aircraft Cable
		Rectangle W L										
		Custom										

- LUT2W available in 120V
- ELDO10, ELDODMX, LUTH available 120-277



1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

2- Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

3- Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND	EASYFIT <small>by EnOcean</small>	LUTRON	enlighted	LEVITON®	OSRAM	PHILIPS <small>EasySense</small>	legrand®
CONTROL UNIT	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-0-10 Lutron Vive 0-10V Individual Control Models ^{1,4}	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit ¹⁵	<input type="checkbox"/> ZL027 -NOW Intellect Power Control Module ¹⁶	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module ¹⁷	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver ¹⁸	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller ¹⁹
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Individual Control Models ^{1,4}		<input type="checkbox"/> ZL027 -DLE Intellect Power Control Module ¹⁶	<input type="checkbox"/> EN-ALC-ZB-BK-DR Wireless Area Lighting Control Module ¹⁷		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ¹⁹
INTEGRATED OCCUPANCY& DAYLIGHT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing ²	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit)²	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping ²	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor ²
				<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM ²	<input type="checkbox"/> SNS300 SNS300 for networks ²	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor ²
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount 360° ,occupancy/vacancy sensor ³	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor ³	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor ³
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be specified with CU- 4E-FMH Control Unit)³	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J- DOW Control Unit)³	<input type="checkbox"/> EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM (Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit)³	<input type="checkbox"/> SNS200-CMP SNS-200 for Grouping ³	N/A
ACCESSORIES	N/A	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <input type="checkbox"/> CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready <input type="checkbox"/> CBL-5E-CU4-7F 7 Foot sensor cable for CU-4 and IoT Ready Driver	N/A	N/A	N/A	N/A
NOTES	N/A	4- Luminaire will be compatible with LUTRON LRF2-OCR2B-PWH Ceiling mount 360deg occupancy/vacancy sensor & LRF2-DCRB-WH ceiling mount daylight sensor. Sensors must be orderd through Lutron	5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5SH, Sensors	6- Luminaire will be compatible with LEVITON I ntellect APP & Keypad room controller	7- Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless passive infrared occupancy and photo sensor	8- Luminaire will be compatible with philips field and wireless switch	9- Luminaire will be compatible with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.