MUTE 4258-16

PROJECT PROJET

SPEC TYPE

NOTES

FINISH FINI

CHF	SGF	REF

4258-16

71.50"
1815mm

11.50"
290mm

Ø16.50"
Ø420mm

ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE   CODE

MODEL MODÈLE		4258-16
4258-16	MUTE 16"	

LIGHT SOURCE SOURCE LUMINEUSE		LED
LED	REGULAR OUTPUT	

COLOR TEMPERATURE TEMPÉRATURE DE COULEUR		
27*	2700K	
30	3000K	
35	3500K	
40	4000K	
*LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		

COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC)		
80	80+ CRI	
90*	90+ CRI	
*LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		

VOLTAGE VOLTAGE		
120V	120 VOLT	
277V	277 VOLT	

DIMMING OPTION OPTION DE GRADATION		
DV	0-10V DIMMING (120V-277V)	
DP	PHASE DIMMING (120V ONLY)	
LED DIMMING DRIVER IS STANDARD IN THIS PRODUCT, PLEASE SPECIFY YOUR DIMMING TYPE		

EMERGENCY BATTERY BATTERIE D'URGENCE		
AVAILABLE WITH LED SOURCES 120-227V. EM DRIVER BOX INCLUDED, INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS. WITH DV DIMMING OPTION, AN ADDITIONAL POWER CABLE WILL DROP FROM CEILING NEXT TO MAIN CABLE.		
EMB*	EMERGENCY BATTERY FOR REMOTE BOX	
*3981EA ACCESSORY IS REQUIRED		

CABLE CÂBLE		C
C	CLEAR CABLE, FIELD ADJUSTABLE	

CABLE LENGTH LONGUEUR DE CÂBLE		
60	60" CABLE (STD LENGTH)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		

CANOPY FINISH FINI PAVILLON		WHE
WHE	WHITE FINE TEXTURE	

SHADE FINISH FINI ABAT-JOUR		
CHF	CHARCOAL FELT	
SGF	SILVER GRAY FELT	
REF	RED FELT	

ACRYLIC FINISH FINI ACRYLIQUE		WH
WH	WHITE	

ACCESSORY ACCESSOIRE		
3981EA	ELECTRICAL BOX FOR EMB EMERGENCY BATTERY	

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

BIM	DIM	EMB	IES	LED	)))

DESIGN:	Now offered in two formats, this soft, colorful and sound absorbing large format downlight pendant is composed of twelve felt-like acoustic panels surrounding a custom LED light source distributing a uniform and direct light.
INSTALLATION:	Easy to install, adjust single power cable mounting with clip-on acoustic panels.
LIGHT SOURCE:	Mute features a custom LED light engine supplied with a standard dimming driver (0-10V or phase).
STRUCTURE:	Precision cut chrome top cover plate and white or chrome canopy.
SHADE:	The custom CNC cut panels are made from recycled PET bottles and are recyclable. Available in silver grey, charcoal or red.
CERTIFIED:	c-CSA-us

EUREKA

SPECIFICATION

MUTE 4258-16

PROJECT PROJET

SPEC TYPE

NOTES

FINISH FINI

CHF

4258-16

71.50"
1815mm

11.50"
290mm

Ø16.50"
Ø420mm
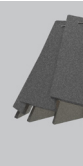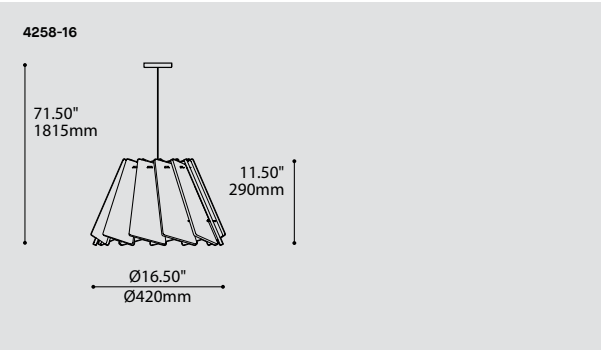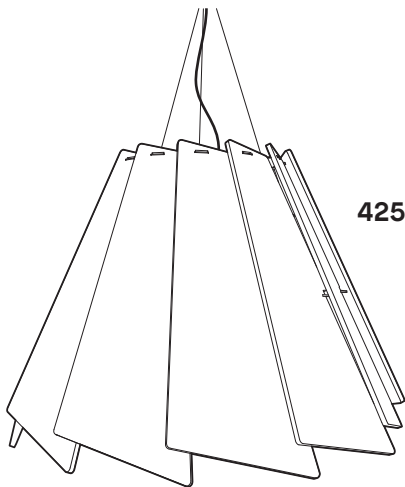
ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

		CODE
QUICKSHIP		**QS**
QS	QUICKSHIP	
MODEL MODÈLE		**4258-16**
4258-16	MUTE 16"	
LIGHT SOURCE SOURCE LUMINEUSE		**LED**
LED	REGULAR OUTPUT	
COLOR TEMPERATURE TEMPÉRATURE DE COULEUR		
30	3000K	
35	3500K	
40	4000K	
COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC)		**80**
80	80+ CRI	
VOLTAGE VOLTAGE		
120V	120 VOLT	
277V	277 VOLT	
DIMMING OPTION OPTION DE GRADATION		
DV	0-10V DIMMING (120V-277V)	
DP	PHASE DIMMING (120V ONLY)	
	LED DIMMING DRIVER IS STANDARD IN THIS PRODUCT, PLEASE SPECIFY YOUR DIMMING TYPE	
CABLE CÂBLE		**C**
C	CLEAR CABLE, FIELD ADJUSTABLE	
CABLE LENGTH LONGUEUR DE CÂBLE		
60	60" CABLE (STD LENGTH)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
	FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE	
CANOPY FINISH FINI PAVILLON		**WHE**
WHE	WHITE FINE TEXTURE	
SHADE FINISH FINI ABAT-JOUR		**CHF**
CHF	CHARCOAL FELT	
ACRYLIC FINISH FINI ACRYLIQUE		**WH**
WH	WHITE	

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

`BIM` `DIM` `EMB` `IES` `LED` `))`

DESIGN :   Now offered in two formats, this soft, colorful and sound absorbing large format downlight pendant is composed of twelve felt-like acoustic panels surrounding a custom LED light source distributing a uniform and direct light.

INSTALLATION :   Easy to install, adjust single power cable mounting with clip-on acoustic panels.

LIGHT SOURCE :   Mute features a custom LED light engine supplied with a standard dimming driver (0-10V or phase).

STRUCTURE :   Precision cut chrome top cover plate and white or chrome canopy.

SHADE :   The custom CNC cut panels are made from recycled PET bottles and are recyclable. Available in charcoal.

CERTIFIED :   c-CSA-us

EUREKA
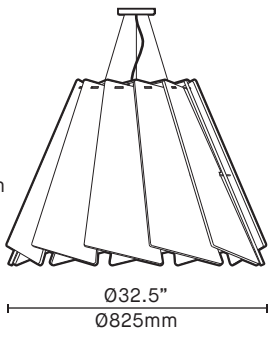
SPECIFICATION

MUTE 4258-XX

4258-32

71.5"
1815mm

11.5"
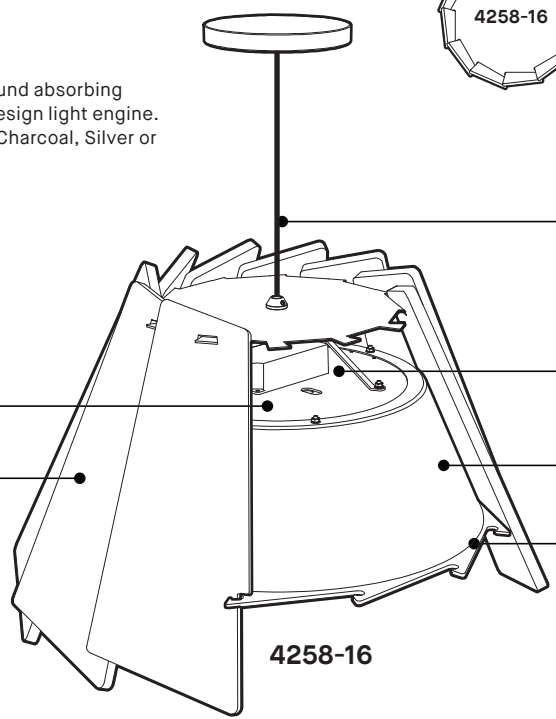290mm

Ø16.5"
Ø420mm

4258-16

83"
2100mm

23"
585mm

Ø32.5"
Ø825mm

4258-32

NOISE REDUCTION
The Mute is composed of 12 sound absorbing panels surrounding a custom design light engine. Panels are available in 3 color: Charcoal, Silver or Red.

SUSPENSION
1 single suspension cable on the smaller version, 3 easy-to-adjust aircraft cables on the larger version for extra support and stability

HIGH PERFORMANCE LED BOARD
Custom made LED module

INTEGRATED ELECTRONIC DRIVER
For fast access and maintenance

RECYCLED PANELS
Custom CNC cut polyester panels made from recycled bottles (PET). Panels are recyclable

REFLECTOR
For increased light uniformity and output

BOTTOM LENS
Frosted acrylic lens for superior light transmission. Easy installation & locks with acoutic panels

4258-16

GRANDS PRIX DU DESIGN

reddot 21 world of design

PRODUCT SPECIFICATION

	4258-16	4258-32
PERFORMANCE		
SYSTEM WATTAGE	17.3W	28.5W
DELIVERED LUMENS (4000K)	1379 LM	1799LM
EFFICACY	79.7LM/W	63.12LM/W
OTHER INFORMATION		
LUMINAIRE'S WEIGHT	ON REQUEST	ON REQUEST

EFFICACY MULTIPLIERS

CRI	CCT	FACTOR
80+	4000K	1.00
80+	3500K	0.98
80+	3000K	0.94
80+	2700K	0.91
90+	4000K	0.88
90+	3500K	0.85
90+	3000K	0.81
90+	2700K	0.77

LIGHT DISTRIBUTION

4258-16

4258-32

CSA us   FC   5 years warranty
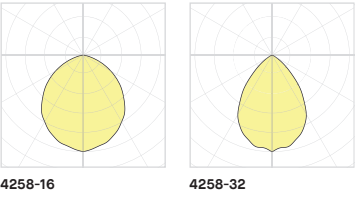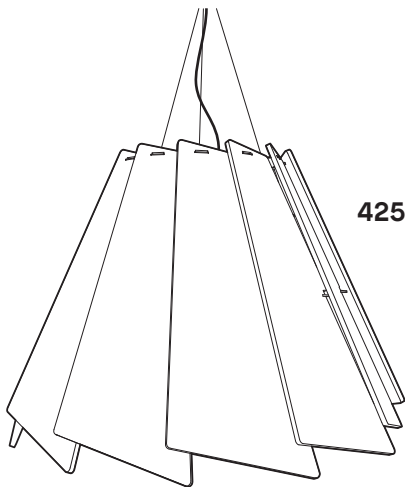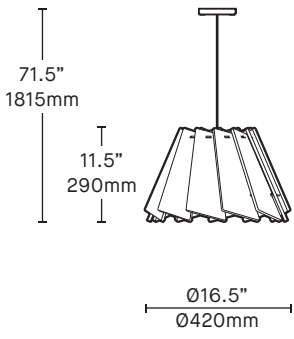
Visit our website for warranty terms and conditions.

EUREKA

TECHNICAL DATA

MUTE 4258-XX

4258-32

71.5"
1815mm

11.5"
290mm

Ø16.5"
Ø420mm

4258-16

83"
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Ø825mm
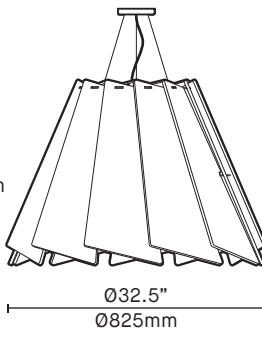
4258-32

ATTÉNUATION DU BRUIT
Le Mute est composé de 12 panneaux acoustiques encerclant une source lumineuse DEL faite sur mesure. Les panneaux sont disponibles en 3 couleurs: gris, argent ou rouge.

SUSPENSION
1 seul câble de suspension sur la petite version, 3 câbles d'acier facile à ajuster pour un support et une stabilité additionelle sur la grande version

PILOTE ÉLECTRONIQUE INTÉGRÉ
Pour faciliter l'accès et la maintenance

MODULE DEL HAUTE PERFORMANCE
Disque DEL de 24W conçu sur mesure

RÉFLECTEUR
Augmente l'uniformité et le flux lumineux

PANNEAUX RECYCLÉS
Panneaux de polyester faits de bouteilles de plastique recyclées (PET) Les panneaux sont recyclables

LENTILLE
Lentille d'acrylique givré, transmission optique supérieure. Installation facile en bloquant les panneaux acoustiques

4258-16

GRANDS PRIX DU DESIGN

reddot 21 world of design

SPÉCIFICATION PRODUIT

	4258-16	4258-32
PERFORMANCE		
PUISSANCE TOTALE	17.3W	28.5W
LUMENS RÉELS (4000K)	1379 LM	1799LM
EFFICACITÉ	79.7LM/W	63.12LM/W
AUTRES INFORMATION		
POIDS DU LUMINAIRE	SUR DEMANDE	SUR DEMANDE

FACTEUR D'EFFICACITÉ

IRC	CCT	FACTEUR
80+	4000K	1.00
80+	3500K	0.98
80+	3000K	0.94
80+	2700K	0.91
90+	4000K	0.88
90+	3500K	0.85
90+	3000K	0.81
90+	2700K	0.77

DISTRIBUTION LUMINEUSE

4258-16

4258-32

CSA C US   FC   5 ans de garantie
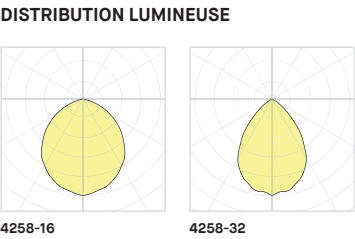
Visitez notre site Web pour les termes et conditions.

EUREKA

V1.0 — 2020.02

Corelite

DESCRIPTION

The next generation of lighting is here with the architecturally inspired Divide™ series powered by WaveStream™ LED. The broad offering of efficient LED products include a complete family of recessed, linear suspended, surface, and wall mounted luminaires. The Divide's modern, ultra-shallow design is complemented with functionally engineered features for practical use. High performing Accu-Aim™ optics allow for maximum energy savings while achieving desired light levels. Available in 4', 8' and continuous run lengths, the Corelite Divide Suspended Series is ideal for open offices, private offices, retail, healthcare and educational facilities.

Catalog #	**Type**
Project	
Comments	**Date**
Prepared by	

SPECIFICATION FEATURES

Construction
Nominal 2-1/4" x 12" housing constructed from extruded aluminum and die-formed 20 gauge cold rolled steel. Side panel assembly measures just 3/4" tall.

End Caps
Precision engineered 2-piece die cast aluminum alloy end caps attach mechanically to the end of the fixture without exposed fasteners visible from below the fixture. End cap adds 2-1/8" at each end.

Light Engine
LED's are available in 3000K, 3500K or 4000K with CRI options of either ≥80CRI or ≥90CRI. Lumen output will be affected - please refer to the lumen adjustment factor table.

Electrical
Long-Life LED system coupled with integral electronic drivers to deliver optimal performance. Standard with 120-277V 0-10V dimming drivers (1% standard). 347V 0-10V drivers are available. Dimming wires come standard but can be capped in the field for standard switched operation. A single power feed drop supplied as standard.

Controls
Options compatible with Cooper Lighting Solutions Connected Lighting Systems:
• WaveLinx sensor
• LumaWatt Pro sensor
• Fifth Light DALI driver

Refer to the Connected Lighting options page and ordering information for more details.

Mounting
Aircraft cable mounts on 4'-0" and 8'-0" centers. Fixture is balanced to allow for minimal leveling and simple installation. All sections are continuously wired with push-in connectors for fast installation. Fixtures can be joined for straight continuous runs using patented Quick-Tab alignment features. Refer to installation instructions for various ceiling interface details.

Finish
Electrostatically applied polyester powder coat paint in white, silver, or black. RAL custom colors are available.
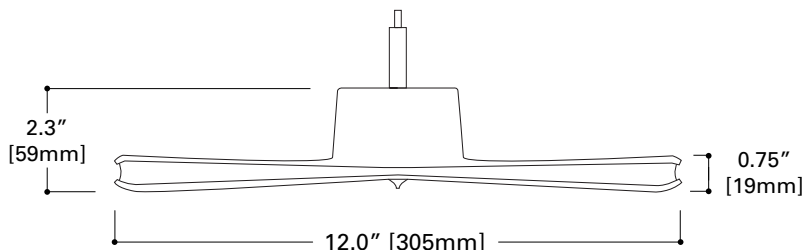
DIVIDE - DSI
WaveStream™ LED

Suspended
Direct / Indirect

cULus – 1598
Damp Location Listed
LM79/LM80 Compliant
ROHS Compliant
DesignLights Consortium™ Qualified

2.3" [59mm]   0.75" [19mm]

12.0" [305mm]

ORDERING INFORMATION

Sample Number: DSI-WS-40L835-1D-UNV-STD-SWPD1-DC-W-AC48-T1-16

Series	Shielding	Lumen Package Nominal per 4' section	Color Temperature	Number of Circuits	Additional Circuiting	Input Voltage
DSI = Divide Suspended Direct/Indirect	**WS** = WaveStream Specular Optic **WD** = WaveStream Diffuse Optic	**20L** = 2,000 Lms (500 lms/ft) **30L** = 3,000 Lms (750 lms/ft) **40L** = 4,000 Lms (1,000 lms/ft) **50L** = 5,000 Lms (1,250 lms/ft) **60L** = 6,000 Lms (1,500 lms/ft)	**830** = 3000K, 80 CRI **835** = 3500K, 80 CRI **840** = 4000K, 80 CRI **930** = 3000K, 90 CRI **935** = 3500K, 90 CRI **940** = 4000K, 90 CRI	**1** = Single Circuit	**D** = None (Default Dimming) **E** = Emergency Circuit **S** = Secondary Circuit **N** = Emergency + Secondary Circuit	**120** = 120V **277** = 277V **UNV** = Universal (120V-277V) **347** = 347V
		Refer to performance table on Page 3 for more detail.	Additional lead-time may apply for 930, 935 and 940 configurations.	Refers to wiring in cross section.	Secondary circuit not available with integrated sensor options.	Integral 347V driver with STD 0-10V option only. Factory supplied 347V remote transformer for all other driver options.

Driver/Dimming Options	Integral Sensor	Integral Emergency	Top Cover	Finish	Suspension Length	Ceiling Type	Run Length
STD = Standard 0-10V (1%-100%) **SR** = Sensor Ready (1%-100%) **5LT** = Fifth Light DALI (5%-100%) **5LTHD** = Fifth Light DALI (1%-100%) **LH** = Lutron HiLume 1% EcoSystems **L5** = Lutron 5-Series 5% EcoSystems	**SWPD1** = WaveLinx Wireless Integrated Sensor **LWIPD1** = LumaWatt Pro Wireless Integrated Sensor	**EL14W** = 14-watt, 120V-277V Emergency Battery Pack **EPC** = UL924 Bypass Relay	**DC** = Dust Cover **FC** = Frosted Cover **SC** = Solid Cover (100% Down) **(blank)** = No Cover	**W** = White **S** = Silver **B** = Black **CC** = Custom Color	**Adj. Cable** **AC48** = 48" **AC120** = 120" **AC240** = 240" **AC300** = 300" **AC360** = 360"	**T1** = 1" T-Bar **T9** = 9/16" T-Bar **TS** = Slotted T-Bar **ST** = Structure **JB** = 4" Octagonal J-Box	**4** = 4 ft **8** = 8 ft **XX** = Specify Row Length
LH and L5 driver options not available in 20L lumen package.	SW sensor must be used with "STD" driver. LWI sensor must be used with "SR" sensor ready driver. Integrated Sensors combined with Emergency Circuit require one UL924 Bypass Relay per emergency section.		Refer to photometric IES file data for top cover performance.		White mounting hardware standard; for black mounting hardware, add "-B" after ceiling type.		Standard row configurations over 8' consist of 4' and 8' luminaires.

COOPER Lighting Solutions

Lengths
Available in 4-ft and 8-ft sections. All sections are modular eliminating the need for starter, joiner and end sections. Standard row configurations over 8-ft consist of 4-ft and 8-ft luminaires unless otherwise specified.

Optics
Optical grade acrylic embedded with patented Accu-Aim™ micro-optics for optimal distribution, low glare, and high performance. Specular (WS) or diffuse (WD) optical patterns are available to achieve the right look for any application. See page 3 photometric data for optical performance.

Top Cover Options
Dust Cover (DC) option is a clear formed polycarbonate for worry free cleaning and protection. Frosted Cover (FC) option is a frosted formed polycarbonate for worry free cleaning, reduced uplight, and protection. Solid Cover (SC) option is a high reflectance white powder coat painted steel reflector for 100% downlight.

Lumen Maintenance
Projected lumen maintenance based on TM-21 standards is L87 > 60,000 hours at 25°C ambient conditions.

Emergency Options
Optional 120V-277V integral emergency battery pack is 14W maximum, 90 minute output, and powers a 4-foot section. Test switch/indicator button located on the top side of the luminaire. Patented EZ Key prevents accidental discharge of the battery during construction. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 14 = 1400 lumens). The combination of integrated sensor and emergency circuit options require an EPC UL924 bypass relay that disables sensor control of emergency sections when normal power is lost.

Integrated Sensing and Control Systems
Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please consult WaveLinx and LumaWatt Pro system pages for additional details and compatibility. Consult Marketplace Options - Lutron system pages for additional details and compatibility. Requires field commissioning to operate or dim. Contact Lutron at www.lutron.com.

Weight
6.0 lbs per foot.

Compliance
Modules are UL recognized components and indoor luminaires are cULus listed for 25°C ambient environments, damp location listed, and RoHS compliant. LED modules comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium™ Qualified and classified for DLC Standard and DLC Premium, refer to www.designlights.org for details.

Warranty
Five year warranty.

FIXTURE LENGTHS

48" [1219mm]

96" [2438mm]
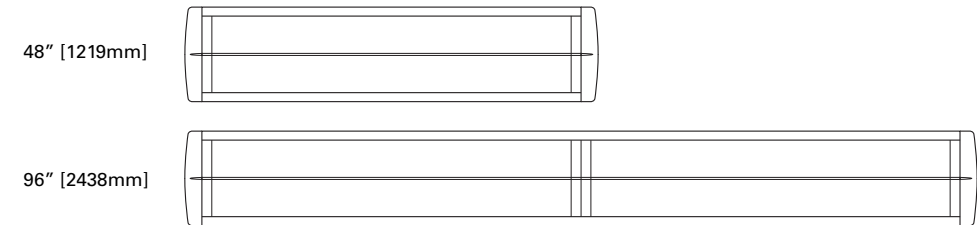
SENSOR OPTIONS

Integrated sensors are located in the endcap of 4' units and in the middle of 8' units for individual and continuous runs. Each unit is individually controllable and can be grouped together using a wireless control system.
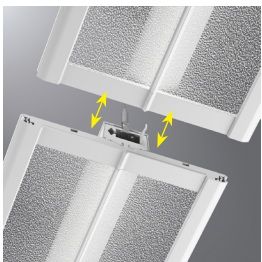
QUICK-TAB ALIGNMENT

Corelite's patented quick-tab alignment system creates a seamless and simple installation every time. Simply align the tabs into the corresponding slots. The fixture can then hang freely while a single contractor makes the final connections; it all slides back together and is securely fastened in place.

WAVESTREAM ACCU-AIM OPTIC PATTERNS

WS - Specular

WD - Diffuse

Specifications and dimensions subject to change without notice.

COOPER
Lighting Solutions

PS524023EN
06/03/2019
2 of 3
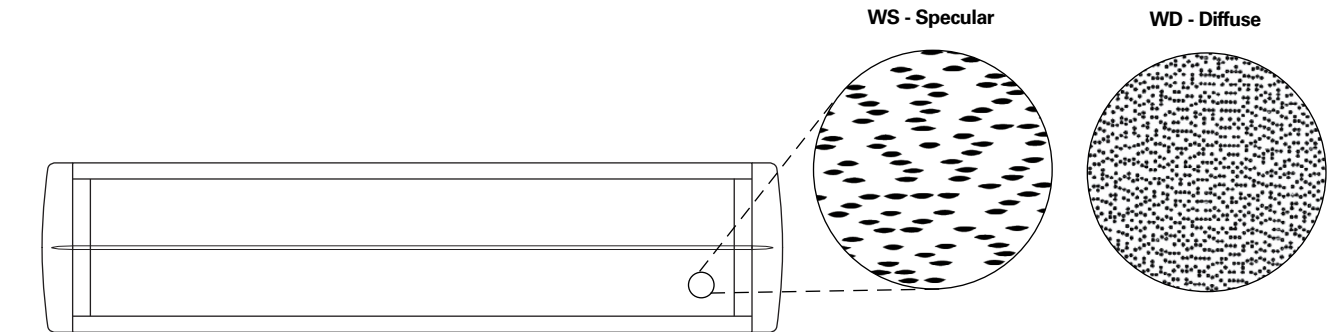
Divide Suspended LED Light Level Outputs and Distributions (3500K, 80 CRI)

Series	Lumen Package	Delivered Lumens		Wattage		Efficacy LPW	Distribution	
		4FT	Per FT	4FT	Per FT		% Up	% Down
DSI-WS	20L	2069	517	15.2	3.8	136	27%	73%
	30L	3000	750	22.4	5.6	134		
	40L	3995	999	29.9	7.5	134		
	50L	5039	1260	37.8	9.5	133		
	60L	5968	1492	46.7	11.7	128		
DSI-WD	20L	2123	531	15.2	3.8	140	29%	71%
	30L	3079	770	22.4	5.6	137		
	40L	4100	1025	29.9	7.5	137		
	50L	5172	1293	37.8	9.5	137		
	60L	6125	1531	46.7	11.7	131		

LUMEN ADJUSTMENT FACTORS

CCT	80 CRI	90 CRI
3000K	0.955	0.830
3500K	1.000	0.861
4000K	1.012	0.883

Example Calculation:

WS / 40L / 3500K / 80 CRI
Lumen Output selected = 999 lms/ft
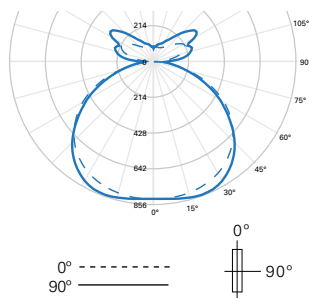
3500K / 90 CRI Desired
Lumen Adjustment Factor = 0.861

Adjusted Lumen Output = 999 lms/ft x 0.861 = 860 lms/ft

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	>87%	256,000

PHOTOMETRICS

FILE NAME: DSI-WS-40L835-1D-UNV-4.IES

LAMP: (LD2) LED 3500K

LUMENS: 3995 Lm

WATTS: 30.0 W

LPW: 133 Lm/W

TEST NO.: P35725

27% UP / 73% DOWN

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixture
0°-30°	697	17.4
0°-90°	2912	72.9
90°-130°	760	19.0
90°-180°	1083	27.1
0°-180°	3995	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3218	3285	3304
55°	3310	3281	3193
65°	3282	3130	3027
75°	2927	2770	2718
85°	1931	2665	3167
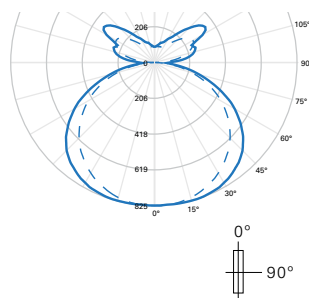
FILE NAME: DSI-WD-40L835-1D-UNV-4.IES

LAMP: (LD2) LED 3500K

LUMENS: 4100 Lm

WATTS: 30.0 W

LPW: 137 Lm/W

TEST NO.: P213060

29% UP / 71% DOWN

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixture
0°-30°	308	16.4
0°-90°	2910	71.0
90°-130°	821	20.0
90°-180°	1190	29.0
0°-180°	4100	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2928	3168	3409
55°	2956	3301	3538
65°	2965	3319	3561
75°	2868	3210	3447
85°	1954	3048	3596

COLOR DATA (3500K)

		80CRI
TM-30-15	R_f	82.3
	R_g	94.4
CRI/CIE	R_a	84.0
	R_9	17.2

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Lighting Solutions

EDISON
LIGHTING GROUP

Sonic TUBE+
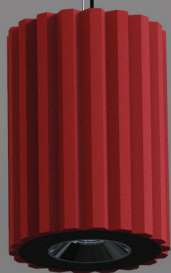
FEATURES:

- ✓ Architectural sound absorbing Eco Felt Acoustic panel.
- ✓ Made from recyclable plastic material available in different thinknesses.
- ✓ Class1 Fire rated with 0.7 Noise Reduction Coefficient/1" Acoustic.
- ✓ Light source: COB LED.
- ✓ High efficiency integral reflector combined with opal lens insert provide excellent lighting distribution.
- ✓ Circular internal louver is available in a wide range of finishes.
- ✓ Aluminum body of the luminaire comes with built-in-driver.
- ✓ LED Spot is rated for 60,000hrs. L70 with +85 CRI.
- ✓ Has a proven record in office, commercial and retail installations.
- ✓ Custom modifications are available.
- ✓ ED luminaires are certified to CSA and UL Standards.

reinventlight

HEIGHT
- ☐ 12 Inch
- ☐ 16 Inch
- ☐ 24 Inch

VOLTAGE
- ☐ 120V
- ☐ 277V
- ☐ 347V*

*Not available for all configurations.

MOUNTING
- ☐ S4-Suspension 4Feet
- ☐ S6-Suspension 6Feet
- ☐ S [____] Feet*

*Please specify required Length.

ED TUBE FINISH
- ☐ WH - White
- ☐ BK - Black
- ☐ GR - Grey

SOURCE
- ☐ 15W LED
- ☐ 20W LED
- ☐ 25W LED

DRIVER
- ☐ ST - Standard
- ☐ DT - ELV
- ☐ DL - 0-10V Dimming (1%)
- ☐ [____]*

* Please specify dimming method (ELV).

LOUVER
- ☐ WH - White
- ☐ BK - Black
- ☐ SL - Silver
- ☐ GL - Gold
- ☐ RG - Rose Gold

CCT
- ☐ 30K - 3000Kelvin
- ☐ 35K - 3500Kelvin
- ☐ 40K - 4000Kelvin
- ☐ DW - Dim to Warm

*Other options are available.

ACOUSTIC FINISH*

☐ 01 ☐ 02 ☐ 03 ☐ 04 ☐ 05 ☐ 06 ☐ 07 ☐ 09 ☐ 11 ☐ 12

☐ 15 ☐ 18 ☐ 24 ☐ 25 ☐ 26 ☐ 28 ☐ 30 ☐ 31 ☐ 32 ☐ 33
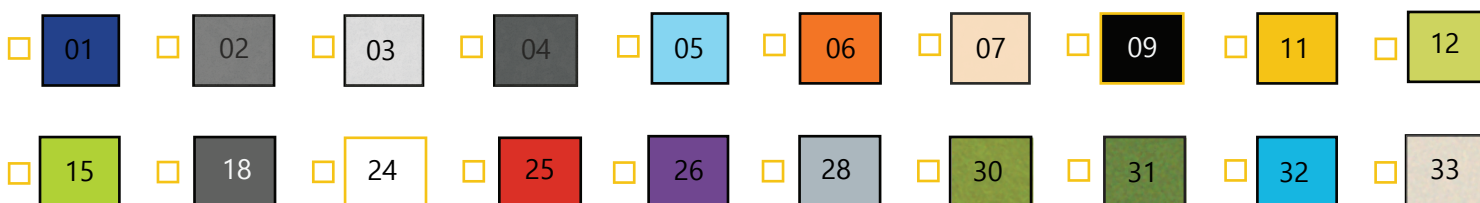
* Please specify Acoustic Trim & Top Layer, for example **(02/25)**

LUMEN OUTPUT:

Watts	30K	35K	40K
15W	1400 lm	1430 lm	1460 lm
20W	1910 lm	1950 lm	1990 lm
25W	2350 lm	2400 lm	2450 lm

Project:

Type:

SPECIFICATION:

Sonic TUBE+

HEIGHT	SOURCE	VOLTAGE	DRIVER	MOUNTING	LENS	TUBE FINISH	ACOSUTIC FINISH	CCT
[____]	[____]	[____]	[____]	[____]	[____]	[____]	[__ / __]	[____]

Enter the Product Code into the boxes above.

SIZE:

H - Height		Diameter
12 Inch	= 11.75 Inch	8.00 Inch
16 Inch	= 15.75 Inch	8.00 Inch
24 Inch	= 23.75 Inch	8.00 Inch

D

H
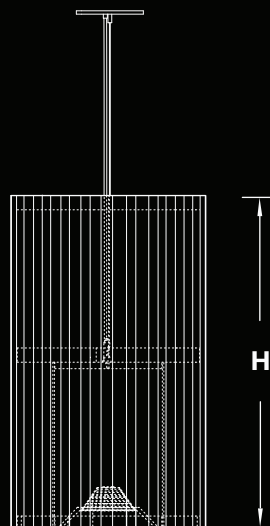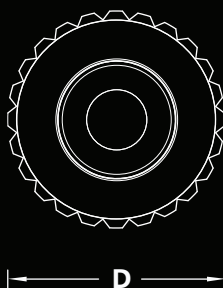
FINISHES:

(02/01)

(02/32)

(02/11)

(02/25)

(02/06)

(02/26)

(02/15)

(02/09)

BLADE (LX-BL)

TYPE:

Slice through the sound for a more productive workplace with the Luxxbox Blade acoustic pendant. Available with or without striking LED illumination, Blade reduces up to 80% of reverberated noise in an open space for increased comfort and concentration. Available in more than 12 mesmerising colors, Blade can be customised to suit any interior space.

KEY BENEFITS

– Highly effective sound absorption
– Available in 4 lengths, 4 heights and a wide range of colors
– High performance dimmable LED light source
– Height adjustable 9' / 3m suspension cables
– 9' / 3m length of black woven power cable per fixture
– Acoustic panels are 100% recyclable and manufactured from 65% recycled material
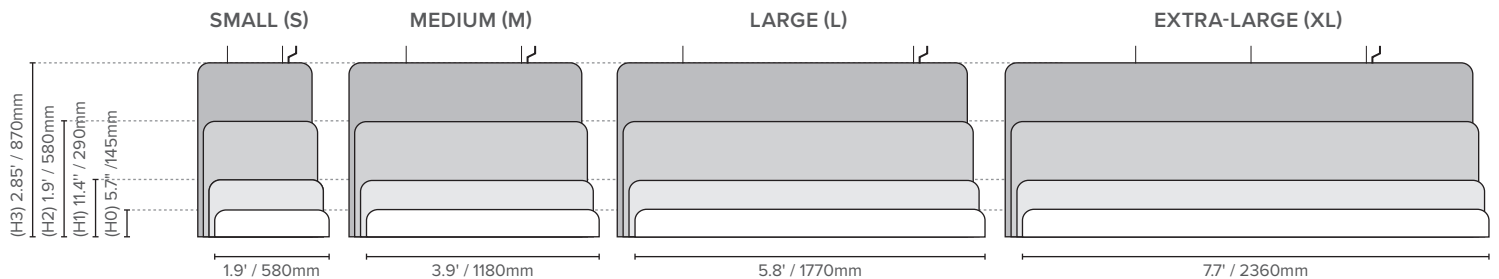– Casambi bluetooth available
– POE available on request
– IES photometric files available
– Custom sizes and additional color options available on request.
– Bluetooth controller available upon request

SIZE AND WEIGHT

SMALL (S)	MEDIUM (M)	LARGE (L)	EXTRA-LARGE (XL)

(H3) 2.85' / 870mm
(H2) 1.9' / 580mm
(H1) 11.4" / 290mm
(H0) 5.7" /145mm

1.9' / 580mm	3.9' / 1180mm	5.8' / 1770mm	7.7' / 2360mm

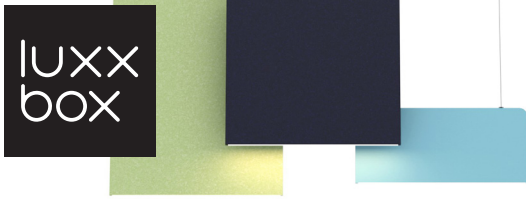|	SMALL			MEDIUM			LARGE			EXTRA LARGE		
	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
Direct Output	481	11	44	1006	24	42	1531	37	41	2100	42	50
Weight	0.7, 1.5, 3, 4.5lbs / 0.32, 0.75, 1.4, 2Kg			1.5, 3, 6, 9lbs / 0.7, 1.4, 2.8, 4Kg			2.2, 4.5, 9, 13.5lbs / 1, 2.1, 4.2, 6Kg			3, 6, 12, 18 lbs / 1.4, 2.8, 5.6, 8 Kg		

ORDER CODE

EXAMPLE: LX - BL - L - H2 - R - 40 - UNV - RD
(Luxxbox Blade, Large (5.8' / 1770mm), Height 2 (1.9' / 580mm), Red, 4000K, Universal 110-277V / 0-10V dimming, Remote driver)

LX - BL	_____		_____		_____	_____		_____		_____	
PRODUCT CODE	**LENGTH**		**HEIGHT**		**COLOR**	**COLOR TEMP**		**REGION / DIMMING**		**DRIVER TYPE**	
BL	S	1.9' / 580mm	H0	5.7" / 145mm	Use color codes as shown on page 2	30	3000K	UNV	Universal 110 - 277V / 0 - 10V dimming (North America only)	**RD**	Remote driver (One driver per fixture)
	M	3.8' / 1180mm	H1	11.4" / 290mm		35	3500K			**CD**	Canopy concealed driver (One driver per fixture)
	L	5.8' / 1770mm	H2	1.9' / 580mm		40	4000K	G	Global 220 - 240V		
	XL	7.7' / 2360mm	H3	2.85' / 870mm		A*	Acoustic only		DSI / DALI		

(*For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank)

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PET 1

BLADE (LX-BL)

AVAILABLE COLORS

Colors are subject to lead times and variations across batches

SOLID PET COLOR OPTIONS

black (B)	white (W)	off white (OW)	mid grey (MG)	light grey (LG)	charcoal (C)

yellow (Y)	orange (O)	red (R)	light green (LGR)	green (GR)	light blue (LB)	dark blue (DB)
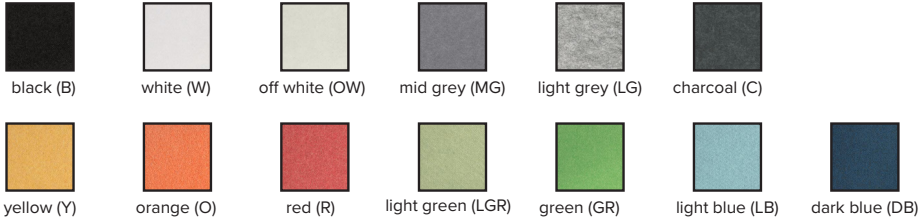
CHARCOAL PET + CLASSIC WOOL COLOR OPTIONS

1A	1E	1F	1J	1K	1L	1M
1N	1P	1R	1T	1V	1W	1Y
02	2Q	2R	2S	2T	2U	2W
2X	2Y	2Z	3A	3B	3C	3D
3E	08	09	12	13	18	21
26	28	30	31	33	35	39
47	53	58	62	63	67	82
86	90					

ETL Intertek us | C | CE | PET 1
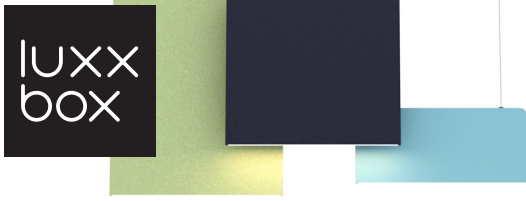
BLADE (LX-BL)

TYPE:

PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION

SMALL (1.9' / 580mm long)	
Delivered Lumen Output	481 lm (253lm/ft - 815lm/m)
Wattage	11 W (5.8W/ft - 19W/m)
Efficacy	44 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

MEDIUM (3.8' / 1180mm long)	
Delivered Lumen Output	1006 lm (265lm/ft - 852lm/m)
Wattage	24 W (6.3W/ft - 20.4W/m)
Efficacy	42 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

LARGE (5.8' / 1770mm long)	
Delivered Lumen Output	1531 lm (264lm/ft - 865lm/m)
Wattage	37 W (6.4W/ft - 21W/m)
Efficacy	41 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

EXTRA LARGE (7.7' / 2360mm long)	
Delivered Lumen Output	2100 lm (273lm/ft - 890lm/m)
Wattage	42 W (6.5W/ft - 21.2W/m)
Efficacy	50 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

CANOPY INFORMATION

	NORTH AMERICA		GLOBAL	
	DRIVER OPTION		DRIVER OPTION	
SIZE	RD	CD	RD	CD
BL-S	SA	CD11	SB	CD11
BL-M	SA	CD11	SB	CD11
BL-L	SA	CD11	SB	CD11
BL-XL	SA	CD11	SB	CD11
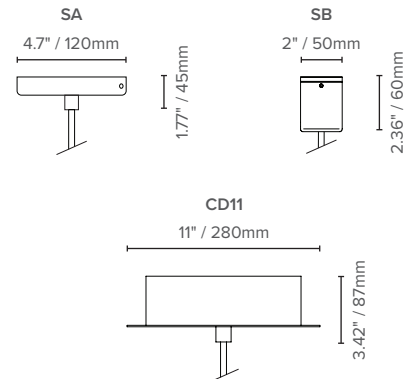
SA
4.7" / 120mm
1.77" / 45mm

SB
2" / 50mm
2.36" / 60mm

CD11
11" / 280mm
3.42" / 87mm

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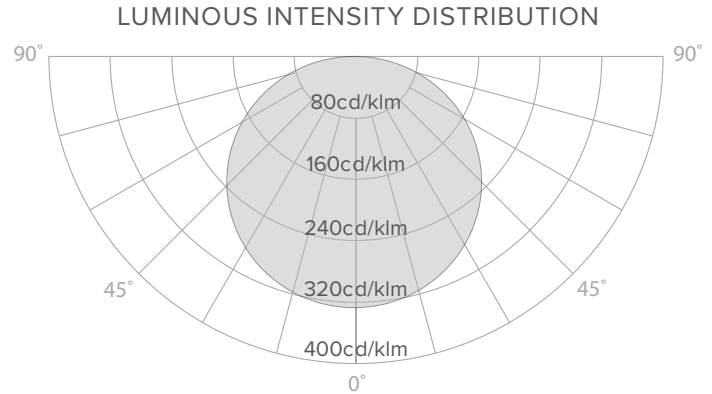WWW.LUXXBOX.COM

BLADE (LX-BL)

MATERIAL SPECIFICATIONS

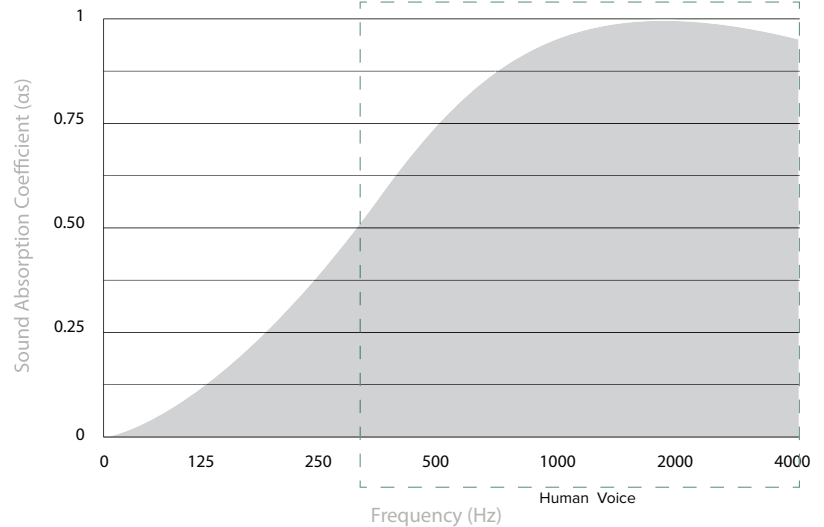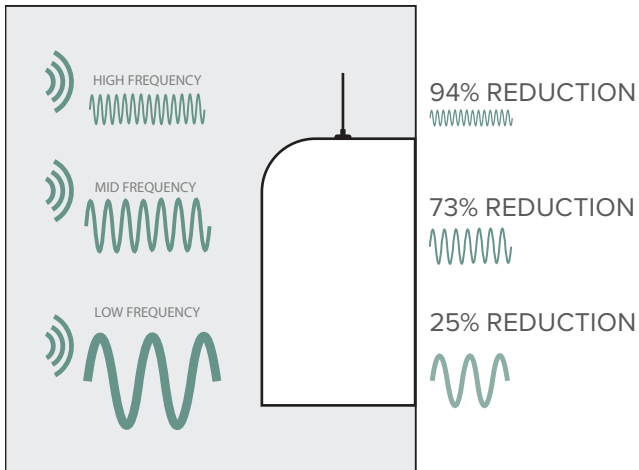|	COLOR CODES: C, LG, MG	COLOR CODES: B, W, OW, DB, LB, G, LG, R, O, Y	CLASSIC WOOL COLOR CODES
COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3￼ ISO 9705: Group 1￼ BS 476: Part 7 Class 2	AS ISO 9705 - 2003: Group 1￼ ISO 9705 - 1993: Group 1s￼ ASTM E-84-14 (A, FS:0 - SD:45)￼ BS EN13501-1:2007+A1:2009 (B-s1, d0)	AS1530 Part 3￼ ISO5660￼ BS EN 1021-1&2 Cigarette and Match￼ BS 7176 Low Hazard￼ UNI 9175 Classe 1
ENVIRONMENTAL:	PET achieves GreenTag Certification￼ GreenRate: Level A	PET achieves GreenTag Certification￼ GreenRate: Level A	PET achieves GreenTag Certification￼ GreenRate: Level A￼ EU Ecolabel Certificate
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m^{2}K/W	ASTM C518-2010. R- Value = 0.30 m^{2}K/W	ASTM C518-2010. R- Value = 0.30 m^{2}K/W
SOUND ABSORPTION:	AS ISO 354 – 2006￼ Noise reduction coefficient (NRC) = 0.8	AS ISO 354 – 2006￼ Noise reduction coefficient (NRC) = 0.8	AS ISO 354 – 2006￼ Noise reduction coefficient (NRC) = 0.8
VOC EMISSIONS:	ASTM D5116 Rate: < 0.02 mg/m^2/hr (7 days)	ASTM D5116 Rate: < 0.01 mg/m^2/hr (7 days)	ASTM D5116 Rate: < 0.02 mg/m^2/hr (7 days)

PET ACOUSTIC PROPERTIES

Products are given a Noise Reduction Coefficient (NRC) from 0 to 1 based on their ability to absorb sound, where 1.0 equals 100% sound absorption. The NRC is used to calculate Sabin value of any surface material. The Sabin value equals the NRC multiplied by the total surface area in squared feet or squared metres.

	(H0) 5.7" / 145mm	(H1) 11.4" / 290mm	(H2) 1.9' / 580mm	(H3) 2.8' / 870mm
(S) 1.9' / 580mm	1.6 Sabins (imperial) / 0.15 Sabins (metric)	3.2 Sabins (imperial) / 0.3 Sabins (metric)	6.4 Sabins (imperial) / 0.6 Sabins (metric)	9.6 Sabins (imperial) / 0.9 Sabins (metric)
(M) 3.8' / 1180mm	3.2 Sabins (imperial) / 0.30 Sabins (metric)	6.4 Sabins (imperial) / 0.6 Sabins (metric)	12.8 Sabins (imperial) / 1.2 Sabins (metric)	19.2 Sabins (imperial) / 1.8 Sabins (metric)
(L) 5.8' / 1770mm	4.8 Sabins (imperial) / 0.45 Sabins (metric)	9.6 Sabins (imperial) / 0.9 Sabins (metric)	19.2 Sabins (imperial) / 1.8 Sabins (metric)	28.8 Sabins (imperial) / 2.7 Sabins (metric)
(XL) 7.7' / 2360mm	6.4 Sabins (imperial) / 0.6 Sabins (metric)	12.8 Sabins (imperial) / 1.2 Sabins (metric)	25.6 Sabins (imperial) / 2.4 Sabins (metric)	38.4 Sabins (imperial) / 3.6 Sabins (metric)

ACOUSTIC PROPERTIES

Visualization of decibel decay across the Blade range. Effects of a 0.8 NRC across a range of frequencies.

HIGH FREQUENCY — 94% REDUCTION

MID FREQUENCY — 73% REDUCTION

LOW FREQUENCY — 25% REDUCTION

Sound Absorption Coefficient (αs) vs Frequency (Hz)

Human Voice

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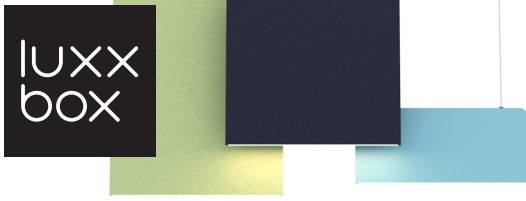
BLADE (LX-BL)

TYPE:

PRODUCT DIMENSIONS

TOP VIEWS

SMALL

Suspension Cable
Suspension Cable
Power Cord
1' / 305mm
0.7" / 18mm
1.9' / 580mm

MEDIUM

Detail A
2' / 610mm
0.7" / 18mm
3.8' / 1180mm

LARGE

4' / 1220mm
0.7" / 18mm
5.8' / 1770mm

EXTRA-LARGE

2' / 610mm
2' / 610mm
0.7" / 18mm
7.7' / 2360mm

SIDE VIEWS

H0   H1   H2   H3

6" / 145mm
11.4" / 290mm
1.9' / 580mm
2.85' / 870mm
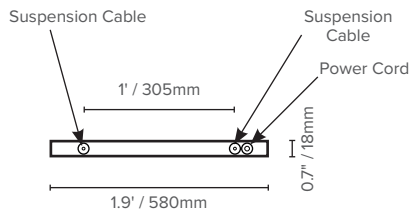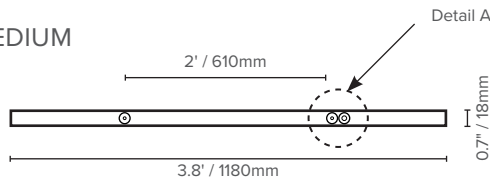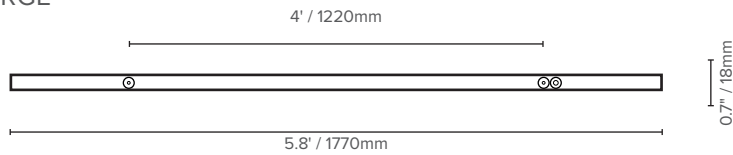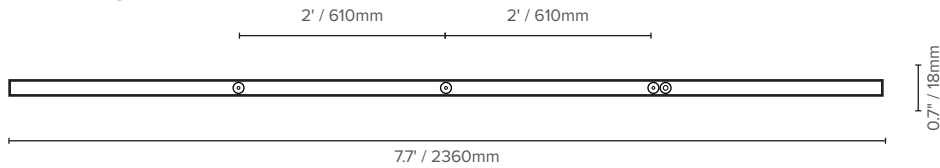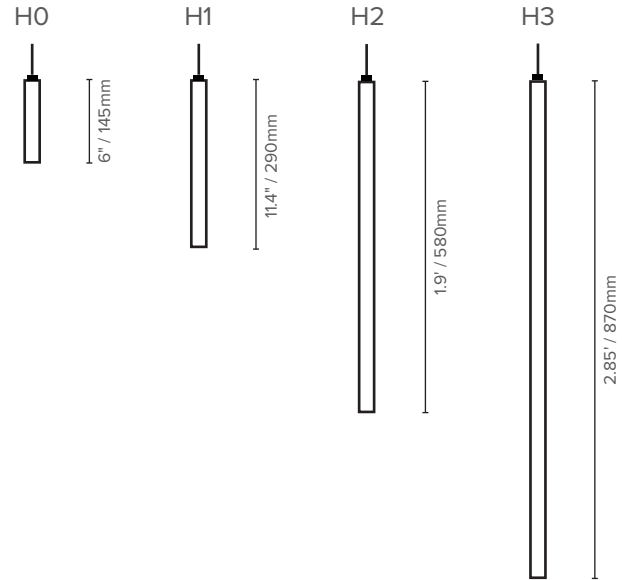
EXAMPLE: SUSPENSION - POWER

On the 'Detail A' diagram you can see the power cord will always exit the pendant through a hole located 20mm away from the suspension cable.

At the moment we don't supply canopies with suspension points, so our recommended method of installation is shown on the diagram on the right.

You will find more detailed information about the canopy on page 3 of this document or on the Installation Instructions document on our website.

Recommended Installation
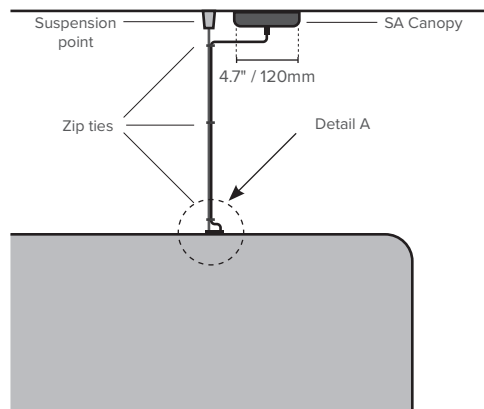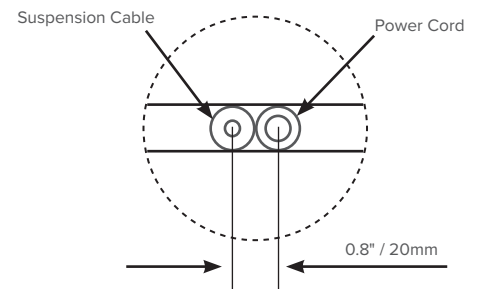
Suspension point
SA Canopy
4.7" / 120mm
Zip ties
Detail A

Detail A

Suspension Cable
Power Cord
0.8" / 20mm

ETL Intertek · CE · PET 1

Metalux

DESCRIPTION

The SkyRidge™ transforms ambient lighting by perfectly blending a refined modern styling with our breakthrough WaveStream™ LED technology to deliver exceptional performance and superior energy savings. SkyRidge's advanced engineered LED system with superior optical design delivers an unparalleled combination of optimal light uniformity and exceptional efficiency for greater energy savings.

SkyRidge is compatible with all of today's popular ceiling systems and available in a variety of configurations for application versatility. Its perfect balance of form and function make it an ideal choice for commercial office spaces, schools, hospitals, retail and other indoor ambient applications.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction
Shallow 4.75″ deep housing is extruded aluminum frame and injected molded composite end plates. End plates are securely attached with screws for strength and rigidity and the elimination of gaps. End plates have accessory grid-lock feature for safety and convenience. Four auxiliary fixture end suspension points are provided. Large access plate for supply connection.

Controls
Metalux LED luminaires come standard with 0-10V dimming drivers (1% standard).

Options compatible with Eaton's Connected Lighting Systems:
• WaveLinx sensor
• LumaWatt Pro sensor
• SVPD sensor
• DLVP sensor and driver
• Fifth Light DALI driver

Other options include step-dimming and 3rd party drivers. Refer to the Connected Lighting options page and ordering information for more details.

Electrical
Long-life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3000K, 3500K, 4000K or 5000K with a minimum CRI of 80. Projected life is 100,000 hours at 92% lumen output. Electronic drivers are available for 120-277V applications.

Emergency Battery Pack Option
Optional 120V-277V integral emergency battery pack is available in 7-watts or 14-watts to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code-compliance. A test switch/indicator button can be tested safely from the ground using a laser pointer, while the patented EZ Key prevents accidental discharge of the battery during construction. Emergency/generator transfer options available – see ordering information for details.

Driver Access
Drivers can be accessed via plenum.

Finish
Durable frame has high reflectance baked matte white enamel finish for luminous uniformity.

Optics
Precision formed optical assembly with positively retained high optical grade acrylic lens provides a directed optical distribution using WaveStream LED technology.

SkyTrim Accessory
Designed for an array of interior applications, SkyTrim is a luminous decorative accent that can be mounted directly on the light guide of a SkyRidge fixture either at the factory or in the field. It is ideal for spaces where color is necessary to provide visual cues, emphasize brand identity, directional awareness or simply as an artistic expression.

Compliance
Components are UL recognized. Indoor luminaires are cULus listed for 25° C ambient environments, RoHS compliant, and comply with IESNA LM-79. LEDs comply with LM-80 standards. DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.

Warranty
Five year warranty.

24SR LED

2' X 4' TROFFER LED MODULE

Specification Grade Troffer

Connected Systems
CLICK HERE

DLC

PRODUCT of the YEAR Gold Award 2013 Plant Engineering

Product of the year 14 Category Winner

CERTIFICATION DATA
cULus - 1598 and 2043**
Damp Location Listed
IC Rated
LM79/LM80 Compliant
ROHS Compliant
DesignLights Consortium® Qualified
NOM Compliant

*See Drywall Frame Kit Accessory in Ordering Information section.
**Fixture construction is suitable for use in Air-handling and plenum rated spaces in accordance with Section 300.22 (C) of the National Electrical Code, Section 4.3.11.2.6.5 of NFPA 90A and Section 602.2.1.4 of ICC.

LINEAR DISCONNECT
Safe and convenient means of disconnecting power

CURVED

4-11/16" [120mm]

23-3/4" [603mm]

MOUNTING DATA

23-3/4" [603mm]

47-15/16" [1218mm]

LAMP CONFIGURATIONS

CURVED

4-11/16" [120mm]   3-17/32" [90mm]

22-15/16" [583mm]
23-3/4" [603mm]

STRAIGHT

4-11/16" [120mm]   3-1/2" [89mm]

22-15/16" [584mm]
23-3/4" [603mm]

EATON
Powering Business Worldwide

ISO SYSTEMS CERTIFIED

PS519067EN
May 4, 2018 1:54 PM
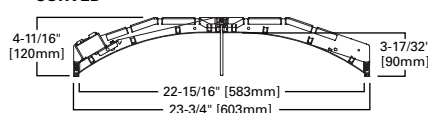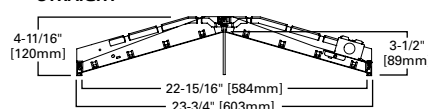
CEILING COMPATIBILITY

G
Grid/Lay-in Standard
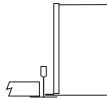
F
Drywall Frame Kit

Ceiling Type	Trim Type
Exposed Grid	G
Concealed T	G or T
Slot Grid	G or T
Flange	*

PHOTOMETRICS
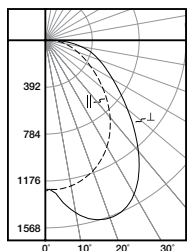
24SR-LD2-39-C-UNV-L835-CD1-U

Electronic Driver

Linear LED 3500K

Spacing criterion: (II) 1.18 x mounting height, (⊥) 1.52 x mounting height

Lumens: 4197

Input Watts: 31.9W

Efficacy: 131.6 lm/W

Test Report: 24SR-LD2-39-C-UNV-L835-CD1-U.IES

Candlepower

Angle	Along II	45°	Across ⊥
0	1244	1244	1244
5	1244	1310	1365
10	1223	1396	1485
15	1184	1445	1552
20	1134	1452	1568
25	1066	1418	1534
30	985	1346	1443
35	887	1240	1309
40	784	1112	1148
45	672	979	986
50	560	850	830
55	459	737	700
60	370	638	592
65	292	549	505
70	225	464	424
75	165	381	348
80	112	294	247
85	59	172	135
90	0	0	0

Coefficients of Utilization

Effective floor cavity reflectance 20%

rc	80%				70%				50%			30%			10%			0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	98	94	105	101	96	93	96	93	90	92	89	87	89	86	84	82
2	98	89	82	76	95	87	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	60	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	1159	27.6
0-40	1900	45.3
0-60	3212	76.5
0-90	4197	100.0
0-180	4197	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	1456	2121	2136
55	1225	1967	1868
65	1060	1990	1828
75	975	2256	2061
85	1033	3023	2367
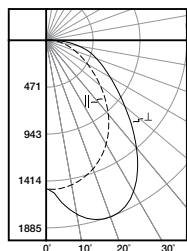
24SR-LD2-48-C-UNV-L835-CD1-U

Electronic Driver

Linear LED 3500K

Spacing criterion: (II) 1.18 x mounting height, (⊥) 1.52 x mounting height

Lumens: 5045

Input Watts: 38.2W

Efficacy: 132.1 lm/W

Test Report: 24SR-LD2-48-C-UNV-L835-CD1-U.IES

Candlepower

Angle	Along II	45°	Across ⊥
0	1496	1496	1496
5	1496	1575	1640
10	1470	1678	1785
15	1423	1737	1866
20	1363	1746	1885
25	1282	1704	1844
30	1184	1618	1735
35	1067	1491	1573
40	943	1337	1380
45	808	1177	1186
50	674	1022	998
55	551	886	841
60	445	767	712
65	352	660	607
70	271	558	510
75	198	458	419
80	134	353	296
85	71	207	162
90	0	0	0

Coefficients of Utilization

Effective floor cavity reflectance 20%

rc	80%				70%				50%			30%			10%			0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	98	94	105	101	96	93	96	93	90	92	89	87	89	86	84	82
2	98	89	82	76	95	87	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	60	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	1194	27.6
0-40	2284	45.3
0-60	3861	76.5
0-90	5045	100.0
0-180	5045	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	1750	2549	2568
55	1472	2365	2245
65	1274	2392	2198
75	1173	2713	2478
85	1241	3634	2847

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ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

Stock or MTO*	Catalog Logic (Curved)	Delivered Lumens	Watts	Efficacy (LPW)
MTO	24SR-LD2-29-C-UNV-L830-CD1-U	2982	22.7	131
MTO	24SR-LD2-29-C-UNV-L835-CD1-U	3074	22.7	135
MTO	24SR-LD2-29-C-UNV-L840-CD1-U	3136	22.7	138
MTO	24SR-LD2-29-C-UNV-L850-CD1-U	3413	22.7	150
MTO	24SR-LD2-34-C-UNV-L830-CD1-U	3528	27.2	130
MTO	24SR-LD2-34-C-UNV-L835-CD1-U	3637	27.2	134
MTO	24SR-LD2-34-C-UNV-L840-CD1-U	3710	27.2	136
MTO	24SR-LD2-34-C-UNV-L850-CD1-U	4037	27.2	148
MTO	24SR-LD2-39-C-UNV-L830-CD1-U	4071	31.9	128
Stock	24SR-LD2-39-C-UNV-L835-CD1-U	4197	31.9	132
Stock	24SR-LD2-39-C-UNV-L840-CD1-U	4281	31.9	134
MTO	24SR-LD2-39-C-UNV-L850-CD1-U	4659	31.9	146
MTO	24SR-LD2-45-C-UNV-L830-CD1-U	4596	36.7	125
MTO	24SR-LD2-45-C-UNV-L835-CD1-U	4738	36.7	129
MTO	24SR-LD2-45-C-UNV-L840-CD1-U	4832	36.7	132
MTO	24SR-LD2-45-C-UNV-L850-CD1-U	5258	36.7	143
MTO	24SR-LD2-48-C-UNV-L830-CD1-U	4894	38.2	128
Stock	24SR-LD2-48-C-UNV-L835-CD1-U	5045	38.2	132
Stock	24SR-LD2-48-C-UNV-L840-CD1-U	5146	38.2	135
MTO	24SR-LD2-48-C-UNV-L850-CD1-U	5601	38.2	147
MTO	24SR-LD2-53-C-UNV-L830-CD1-U	5416	43.1	126
MTO	24SR-LD2-53-C-UNV-L835-CD1-U	5584	43.1	130
MTO	24SR-LD2-53-C-UNV-L840-CD1-U	5695	43.1	132
MTO	24SR-LD2-53-C-UNV-L850-CD1-U	6198	43.1	144
MTO	24SR-LD2-59-C-UNV-L830-CD1-U	6026	50.2	120
MTO	24SR-LD2-59-C-UNV-L835-CD1-U	6213	50.2	124
MTO	24SR-LD2-59-C-UNV-L840-CD1-U	6337	50.2	126
MTO	24SR-LD2-59-C-UNV-L850-CD1-U	6896	50.2	137
MTO	24SR-LD2-64-C-UNV-L830-CD1-U	6598	55.5	119
MTO	24SR-LD2-64-C-UNV-L835-CD1-U	6802	55.5	123
MTO	24SR-LD2-64-C-UNV-L840-CD1-U	6938	55.5	125
MTO	24SR-LD2-64-C-UNV-L850-CD1-U	7551	55.5	136

*Made to order (MTO) requires a typical two week lead time.

ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

Stock or MTO*	Catalog Logic (Straight)	Delivered Lumens	Watts	Efficacy (LPW)
MTO	24SR-LD2-29-S-UNV-L830-CD1-U	2952	22.7	130
MTO	24SR-LD2-29-S-UNV-L835-CD1-U	3043	22.7	134
MTO	24SR-LD2-29-S-UNV-L840-CD1-U	3104	22.7	137
MTO	24SR-LD2-29-S-UNV-L850-CD1-U	3377	22.7	149
MTO	24SR-LD2-34-S-UNV-L830-CD1-U	3491	27.2	128
MTO	24SR-LD2-34-S-UNV-L835-CD1-U	3599	27.2	132
MTO	24SR-LD2-34-S-UNV-L840-CD1-U	3672	27.2	135
MTO	24SR-LD2-34-S-UNV-L850-CD1-U	3995	27.2	147
MTO	24SR-LD2-39-S-UNV-L830-CD1-U	4029	31.9	126
MTO	24SR-LD2-39-S-UNV-L835-CD1-U	4154	31.9	130
MTO	24SR-LD2-39-S-UNV-L840-CD1-U	4237	31.9	133
MTO	24SR-LD2-39-S-UNV-L850-CD1-U	4611	31.9	145
MTO	24SR-LD2-45-S-UNV-L830-CD1-U	4548	36.7	124
MTO	24SR-LD2-45-S-UNV-L835-CD1-U	4688	36.7	128
MTO	24SR-LD2-45-S-UNV-L840-CD1-U	4783	36.7	130
MTO	24SR-LD2-45-S-UNV-L850-CD1-U	5205	36.7	142
MTO	24SR-LD2-48-S-UNV-L830-CD1-U	4844	38.2	127
MTO	24SR-LD2-48-S-UNV-L835-CD1-U	4993	38.2	131
MTO	24SR-LD2-48-S-UNV-L840-CD1-U	5093	38.2	133
MTO	24SR-LD2-48-S-UNV-L850-CD1-U	5542	38.2	145
MTO	24SR-LD2-53-S-UNV-L830-CD1-U	5360	43.1	124
MTO	24SR-LD2-53-S-UNV-L835-CD1-U	5526	43.1	128
MTO	24SR-LD2-53-S-UNV-L840-CD1-U	5636	43.1	131
MTO	24SR-LD2-53-S-UNV-L850-CD1-U	6134	43.1	142
MTO	24SR-LD2-59-S-UNV-L830-CD1-U	5964	50.2	119
MTO	24SR-LD2-59-S-UNV-L835-CD1-U	6149	50.2	122
MTO	24SR-LD2-59-S-UNV-L840-CD1-U	6272	50.2	125
MTO	24SR-LD2-59-S-UNV-L850-CD1-U	6825	50.2	136
MTO	24SR-LD2-64-S-UNV-L830-CD1-U	6530	55.5	118
MTO	24SR-LD2-64-S-UNV-L835-CD1-U	6732	55.5	121
MTO	24SR-LD2-64-S-UNV-L840-CD1-U	6866	55.5	124
MTO	24SR-LD2-64-S-UNV-L850-CD1-U	7472	55.5	135

*Made to order (MTO) requires a typical two week lead time.

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (100,0000 hours)	Theoretical L70 (Hours)
25°C	> 92%	> 448,000

Non-IC data

SKYTRIM FIELD INSTALLATION KITS

Color Choice	Kit Catalog Number	Kit Quantity
Tahitian Blue	STK-4-TB-10PK	10
Primary Green	STK-4-PG-10PK	10
Storaro Orange	STK-4-SO-10PK	10
Belladonna Rose	STK-4-BR-10PK	10
Medium Red	STK-4-MR-10PK	10
Pearl	STK-4-PL-10PK	10
Straw	STK-4-ST-10PK	10

Note: Chosen color will be matched on acrylic but will appear lighter once applied to lit light guide.

ORDERING INFORMATION

SAMPLE NUMBER: 24SR-LD2-48-C-UNV-L835-CD1-SVDP1-U

Rating
Blank= Standard
ATW-SW4= Chicago Rated [3]

Series [5]
24SR= 2' x 4' SkyRidge Series

Air
[Blank]= Standard
A= Air (Vented) [4]

Lamp Type
LD2= LED 2.0

Stock Lumen Outputs
39= 3900 Lumens
48= 4800 Lumens

MTO Lumen Outputs
29= 2900 Lumens [7], [8]
34= 3400 Lumens [7], [8]
45= 4500 Lumens
53= 5300 Lumens
59= 5900 Lumens
64= 6400 Lumens [9]

Reflector
C= Curved (Standard)
S= Straight

Optics
Blank= Standard

Voltage [1]
347V= 347 Volt
UNV= Universal Voltage 120-277
48V= 48 Volt Low-voltage (Class 2) [C]

Options
Emergency
EL7W= 7-watt, 120V-277V emergency battery pack installed [2]
EL14W= 14-watt 120V-277V emergency battery pack installed [2]
ELV7W= 7-watt, DLVP-compatible low voltage emergency battery pack installed [C]
ELV14W= 14-watt DLVP-compatible low voltage emergency battery pack installed [C]
GTR2= Bodine Generator Transfer Relay [10]
ETR2= Iota Emergency Transfer Relay [10]
ETRD= Iota Emergency Transfer Relay with dimming control [10]

CCT
L830= 3000K
L835= 3500K
L840= 4000K
L850= 5000K

Flex
A3/8-4/18GDIM= 3/8" Flex with 0-10V Dimming Leads
Multiple other configurations available. See below for details.

Driver Type
CD= 0-10V Dimming Driver (1%-100% Dimming)
SR= Sensor-ready Dimming Driver for LWIPD1 option (1%-100% Dimming) [B]
5LTD= Fifth Light DALI Driver (10%-100% Dimming) [8], [E]
5LTHD= Fifth Light Dimming Driver (1%-100% Dimming) [9], [E]
LV1= DLVP Dimming Driver (0%-100% Dimming) [C]
SD= Step Dimming Driver (50% or 100% Dimming) [7]
LH= Lutron HiLume (LDE1 series) 1%-100% EcoSystem Driver with Soft-on Fade to Black dimming [F]
L5= Lutron 5 Series (LDE5-Series) 5%-100% EcoSystem Driver [F]
LU= Lutron HiLume (L3D series) 1%-100% EcoSystem/3-wire Driver [F]

Number of Drivers
1= 1 Driver

Integrated Sensing Systems
SWPD1= WaveLinx Wireless Integrated Sensor [A]
LWIPD1= LumaWatt Pro Wireless Integrated Sensor [B]
LWTPD1= LumaWatt Pro Wireless Tile-mount Sensor [B]
SLVPD1= DLVP Low-voltage Integrated Sensor [C]
SVPD1= 0-10V Stand-alone Integrated Sensor [D]

Connected Systems
CLICK HERE

SkyTrim [6]
TB= Tahitian Blue
PG= Primary Green
SO= Storaro Orange
PL= Pearl
BR= Belladonna Rose
MR= Medium Red
ST= Straw

Packaging
U= Unit Pack
PALC= Job Pack, in carton

ACCESSORIES
T3A END E.Q. BRACKET PARTS BAG (Standard with fixture)
DF-24-W= 2' x 4' Drywall Frame Kit
SK-24-WT= 2' x 4' Tall Surface Mount Kit
DF10P-C_= Decorator Dimmer, 0-10V
SF10P-_= Decorator Slide Dimmer, 0-10V
ISHH-01= Programming Remote for Integrated Sensor [D]
ISHH-02= Personal Control Remote for Integrated Sensor [D]

NOTES: [1] Products also available in non-US voltages and frequencies for international markets. [2] With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. [3] Chicago rated version does not allow for row mounting. [4] Air version is vented but does not meet air handling requirements. Air version is non-IC. Air version is not available with integrated sensor. [5] DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details. [6] Fixtures using factory installed SkyTrim option are not DLC qualified. [7] 2900 and 3400 lumen packages are not available with Step-Dim driver. [8] 2900 and 3400 lumen packages are not available with 5LTD –Dali option driver. [9] 5LTHD option uses two drivers at 6400 lumens. [10] Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 and ETR2 options include 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices.

Integrated Sensing and Control System Options
NOTES: Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: [A] Consult WaveLinx system pages for additional details and compatibility. [B] Consult LumaWatt Pro system pages for additional details and compatibility. [C] Consult DLVP system pages for additional details and compatibility. [D] Consult SVPD series system pages for additional details and compatibility. [E] Consult Fifth Light system pages for additional details and compatibility. [F] Consult Marketplace Options - Lutron system pages for additional details and compatibility. Compatible only with driver series shown, and may require two or more drivers. Requires field commissioning to operate or dim. Contact Lutron at www.lutron.com.

Flexible Metal Conduit Options
Flex options available for 0-10V dimming control, DALI dimming control, emergency and night light functions. 72-inch factory-installed and pre-wired to driver, fitted to luminaire housing access plate with 90° enclosed FMC connector. Not all options may be combined and installation ratings vary by type.
A3/8-4/18GDIM series notes: Factory installed dimming option 3/8" flexible metal conduit with 2-#18 power and ground wires and 2-#18 UL-listed jacketed 0-10V +/- control wires. Meets UL 66, 83, 1479, 1569, 1581, 2556. NEC® 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645, 72; Federal Specification A-A-59544 (formerly J-C-30B); all applicable OSHA and HUD Requirements. UL Classified 1-, 2-, and 3-hour through penetration with applicable fire stop product (not included). May be surface mounted, fished and/or embedded in plaster. Cable tray and approved raceway rated, install per NEC®; Environmental Air-Handling Space Installation per NEC® 300.22(C).

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

SHIPPING DATA

| Catalog No.	Wt.
24SR-LD2-39	24 lbs.
24SR-LD2-48	24 lbs.

INTEGRATED SENSOR

The SkyRidge with Integrated Sensor technology provides automatic energy savings without sacrificing performance. Traditionally, these types of energy savings required coordination between the luminaire and a lighting control system. The SkyRidge delivers superior lighting with integrated occupancy and daylighting controls.

Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring. Ideal for new construction or retrofit, the SkyRidge delivers automatic ON to an energy saving light level, while ensuring lighting is turned OFF when the space is unoccupied.

The integral daylight sensor reduces the need for special daylight zone planning. Each luminaire will automatically adjust the light level based on reflected light beneath the sensor in a closed loop method.
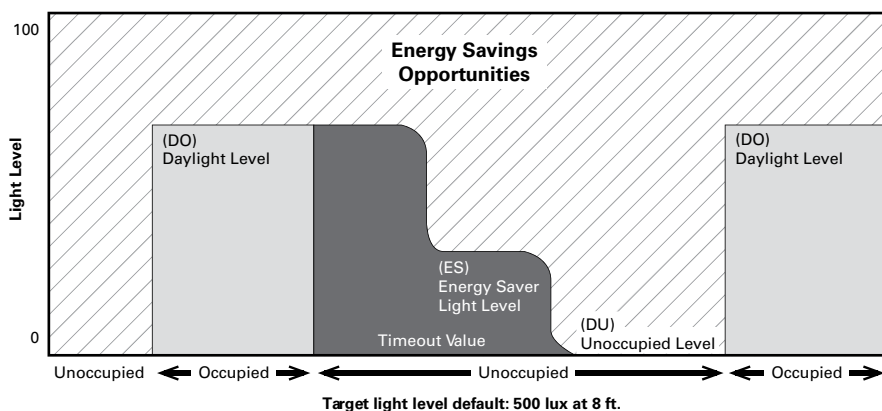
Occupied daylight light levels and unoccupied light levels can be adjusted using the integrated sensor programming remote (Catalog Number: ISHH-01). The integrated sensor personal remote (Catalog Number: ISHH-02) provides code compliant manual raise, lower, ON, OFF control.

The SkyRidge with Integrated Sensor is easy to install with no special wiring and ensures energy savings out-of-the-box with default control settings.
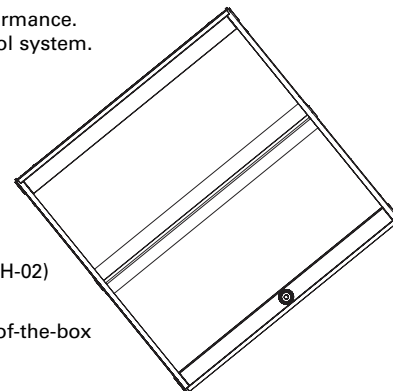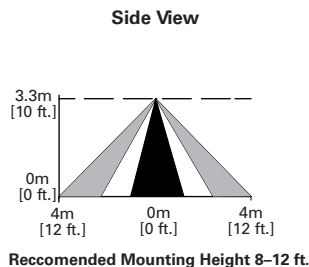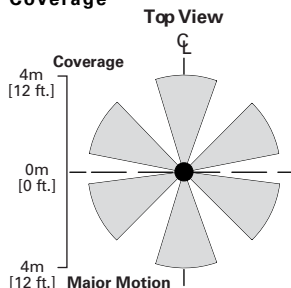
How it works:

- As the user enters the space controlled by the integral sensor, the lighting turns ON to the default daylight level.

- Lighting will remain at that the daylight level until the space is unoccupied. This will start the occupancy timeout period (default 20 minutes).

- If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied daylight level.

- At the end of the timeout period the lighting will go to the unoccupied light level. This adjustable light level uses the OFF default setting.

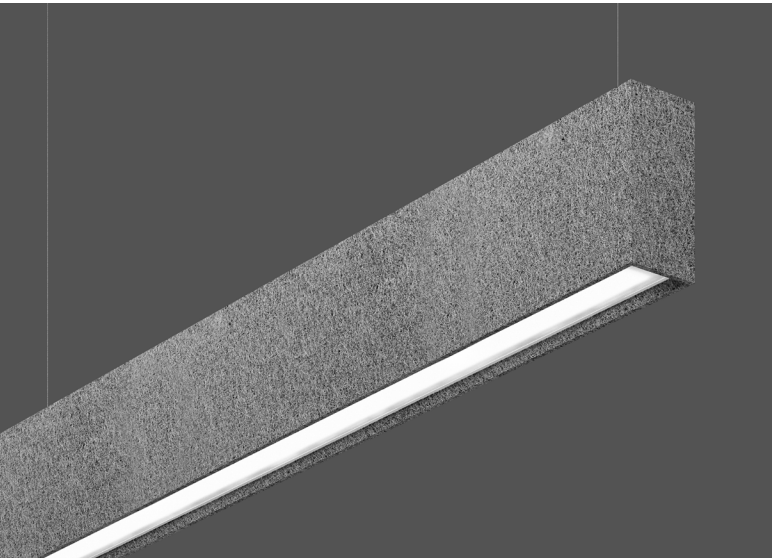**Target light level default: 500 lux at 8 ft.**

Coverage

Top View

Side View

Reccomended Mounting Height 8–12 ft.

Optional Remote Controls

ISHH-01 Programming Remote

ISHH-02 Personal Control Remote

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ACOUSTIC LUMINAIRE
RP1-AD
Direct

Pendant / Lens
Integral Driver

16˝ (406 mm)
12˝ (304 mm)
8˝ (203 mm)
2 ½˝ (64 mm)

Test #– ITL91008
3001 lms
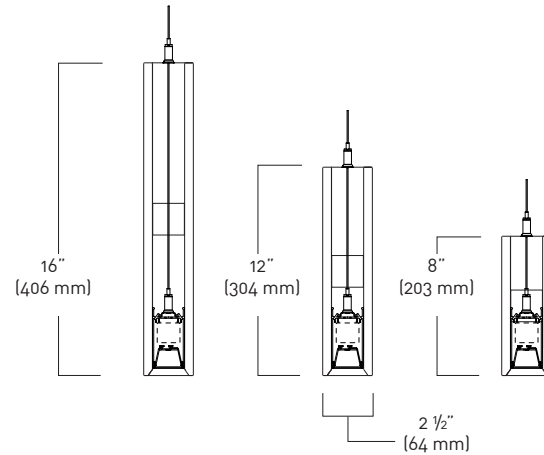Efficacy: 106 lpw
Watts/ ft: 7.1W per ft

Description: Narrow linear pendant LED lighting system with sound absorbing polyster shroud having .45.90 NRC rating, grey matte finish.

Construction: The housing is extruded aluminum with electrostatically applied textured white powder coat paint. **Driver:** Standard constant current electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Universal (UNV) voltage is from 120 - 277V, 50/60 Hz. **Direct Light Shielding:** Extruded frosted or satin white acrylic snap-in lens with DR. Consult factory for uplight shielding. **LED Module:** Distributed LED array in a variety of lumen output packages. LED color is available in (L30) 3000K, (L35) 3500K or (L40) 4000K. Module is replaceable. L90 ≥ 100,000 hours. **Mounting:** Aircraft cable suspended, individual mount or continuous runs. Labels: ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2, Damp location. **Warranty:** 5-year limited warranty on LED and Driver.
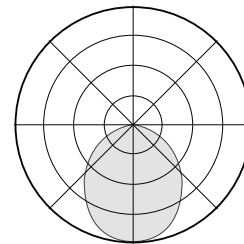
ORDERING INFORMATION
SAMPLE NUMBER: RP1A-D-16-FF-05-L35-1C-UNV-D-W-T1/48-8

SERIES	ACOUSTIC SHROUD HEIGHT	DIRECT SHIELDING	LUMEN PACKAGE DOWN	CRI/CCT	CIRCUIT
RP1A-D- Regolo 1 Acoustic material pendant, Direct light distribution	**8–** 8˝ Shroud Height **12–** 12˝ Shroud Height **16–** 16˝ Shroud Height	**FF** - Flush Frosted Lens	**03**- 250 lm/ft **05** - 500 lm/ft **08** - 750 lm/ft	**L30** - 80 CRI, 3000K **L35** - 80 CRI, 3500K **L40** - 80 CRI, 4000K **H30** - 90 CRI, 3000K **H35** - 90 CRI, 3500K **H40** - 90 CRI, 4000K	**1C** - Single Circuit **1E** - Single Circuit with EM circuit **1B6**- Single Circuit with Battery Pack (600 lms)

Notes
1. Consult factory for additional options
2. Nominal lumen output for 3500K
3. Consult factory for custom lumen package
4. Consult factory for specifications and custom dimming options.

VOLTAGE	DRIVER		LUMINAIRE FINISH	MOUNTING / SUSPENSION LENGTH (INCHES)		LENGTH	OPTIONS
UNV - Universal **120**- 120 Volt **277** - 277 Vo	**Dimming 0–10v** **D** - Dim to 1% (Standard) **D0** - Dim to 0% **D02** Eldoled- Dim to 0%	**DALI Dimming** **ELE** - Eldoled Ecodrive, dims to 1% **ELS** - Eldoled Solodrive, dims to 0% **Lutron Dimming** **L11** - Lutron HiLume™, dims to 1% **L12** - Lutron HiLume™, dims to 1% **L15** - Lutron HiLume™ H-Series, dims to 1% **L16** - Lutron 5-Series, dims to 5%	**W** - White (Standard) **S** - Silver **B** - Black **CC** - Custom Color[1]	**Grid Ceiling** **T1 / 48** **T1 / 120** **T9 / 48** **T9 / 120** **TS / 48** **TS / 120**	**Sheet Rock or Surface Structure** **SR / 48** **SR / 120**	**2** - 2 ft **3** - 3 ft **4** - 4 ft **5** - 5 ft **6** - 6 ft **7** - 7 ft **8** - 8 ft **XX**[6] - x ft	**FLEX**- 6´ of FLEX