

PROJECT NAME: _____ DATE: _____
 CATALOG#: _____ TYPE: _____

DĀLUME®

2" Continuum Linear LED Pendant Mount 835LM-1340LM (12W/18W)

Housing: Continuous, 6063-T5 extruded aluminum profile 2" wide x 2', 4', 8' feet long standard plus custom lengths available. Systems more than 8' long, specify DMCS_plus the # of feet. Joined with connecting brace for ease of installation to assure a uniform appearance. LEED compliant. 65% recycled materials.

Remote Electrical Enclosure: 18W per foot Max. 120V/277V or 347V input. Active PFC to conserve power consumption. Over voltage, over current, over temperature and short circuit protection. EMI & RFI meets FCC part 15 (Class A) Auto Recovery. UL/CSA Listed.

Enclosure Mounted above ceiling via bar hangers or EMT.
 0-10V Dimming Standard. Optional DALI and ELV available with extended lead times. (see Dalume.com for compatible dimmers). Emergency back-up options available.
Additional surge protection with this unit is recommended (supplied by others). Surge damage is not covered by warranty. Total wattage load is determined by the driver and number for modules used, see page 2 for details.

Mounting/Power Source:
 Electrical enclosure equipped with bat-wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT. 26" C-Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Bar hangers provided separately. Support canopies mount via stand Jbox. (1) 50" power feed canopy kit per circuit and support kits provided. See page 3 for support spacing. All power source components accessible from below.

- Shielding**
- Standard High Performance frosted lens to neutralize multi-shadow effect.
 - 1/2" Regressed frosted lens (**H**)
 - 30° Wallwash (**WW**)
 - Batwing (**BW**) In-Direct only.

Finishes: Standard interior color white. (Smooth Gloss: Cardinal T007-WH121/RAL9003). Custom colors (**CC**) are available, please specify RAL# or Cardinal Paint#. Wood Grain finishes available, see page 3

Optics: Premium binned LEDs provide exceptional reliability, performance and color consistency.

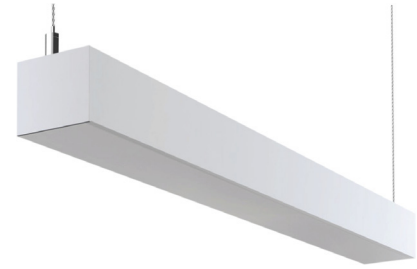
- High CRI of 80+ for accurate color presentation. Consult factory of 90+ CRI.
- Lumens Delivered :12W (835Lm) / 18W (1340Lm) Module per foot
- Color Temperatures (+/- 100K) 2,700K, 3,000K, 3,500K, 4,000K, Color Changing RGBW 4W or 8W per foot
- L70 @ 80,000 hours with 25°C Ambient

Weight: 1.5lbs. per foot.

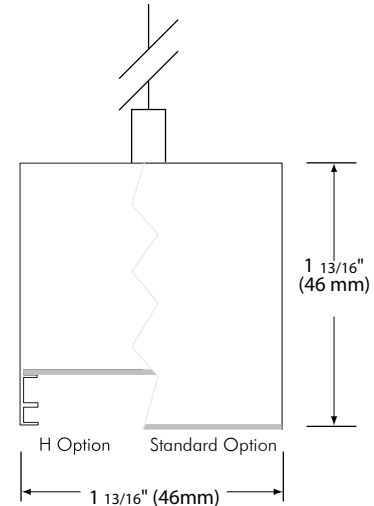
Warranty: Complete 5 year Warranty.

Listing: ETL listed to UL Standards for dry or damp locations. Fixture suitable for wet location under canopy/covered ceilings with "**WL**" option

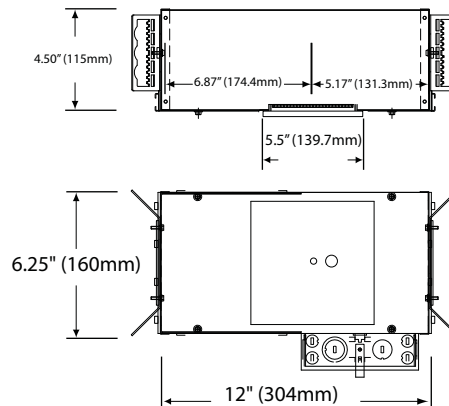
Made in USA.



Channel Profile



Remote Electrical Enclosure



Ceiling cut-out: 4 15/16" x 4 15/16"
 Canopy Cover: 5.5" x 5.5"

Maintenance: Service from below

Ordering

Example: DMC812-40K-H-DI

CHANNEL	WATT/FT.	COLOR TEMP/Lamp	LENS/SHIELDING	MOUNTING	DIMMING DRIVER	OPTIONS
DMC2 :2 Ft.	-12 :12 Watt(835Lm)	-27K*1 :Incandescent White	-Blank:Frosted Lens	-D :Direct	-Blank :0-10V	Blank :1 Circuit
DMC4 :4 Ft.	-18 ¹ :18 Watt(1340Lm)	-30K*1 :Warm White	-H ² : Regressed Lens	-DI :Direct/Ind.	-DL* :DALI Dim.	-C#* :#Circuits
DMC8 :8 Ft.	-U12 :18W DN/12W	-35K :Neutral White	-WW: Wallwash	-I :Indirect	-ELV :120V Dim.	-CC* : Custom Color
DMCS_ :per / #Ft.	-U18 :12W DN/18W	-40K :Cool White	-BW: Batwing		-34D* :347V 0-10V Dim.	-WL : Wet Location
		RGBW*1:Color Changing			-EM :EM Back-Up	
					-EMA :Integral Emergency BackPack	

¹18W not available in color temperatures 2700K or 3000K

²Regressed Lens not available in Wet Locations.

*Special order item, extended lead times may apply, consult factory.



Specifications subject to change without notice

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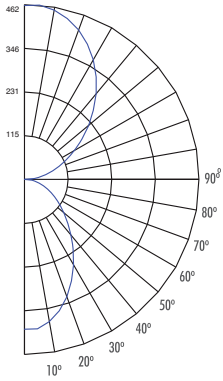
CATALOG#: _____ TYPE: _____

2" Continuum Linear LED Pendant Mount 835LM-1340LM (12W/18W)

Performance

1 Foot Section

12W PENDANT-MOUNT DIRECT/INDIRECT FROSTED LENS



OUTPUT PERFORMANCE

DIRECT/INDIRECT

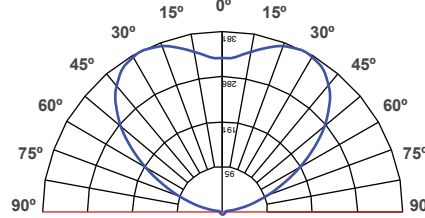
DMC1-12-40K-DI
12W Module, 4000K
IESNA LM-79-08

Luminaire Lumens: 1975 per foot
Luminaire Efficacy Rating (LER): 75%
CRI: 80+

Luminance (cd/sq.m)			
Angle	Average 0°	Average 45°	Average 90°
45°	17672	9499	7727
55°	14433	6764	5409
65°	11253	4576	3685
75°	7843	2751	2315
85°	3589	1204	1170

Zonal Lumen Summary	
Zone	Lumens
0 - 10	37.00
10 - 20	101.81
20 - 30	142.25
30 - 40	153.96
40 - 50	140.81
50 - 60	114.09
60 - 70	81.10
70 - 80	47.56
80 - 90	17.07
90 - 100	24.26
100 - 110	70.59
110 - 120	121.40
120 - 130	168.52
130 - 140	200.96
140 - 150	207.28
150 - 160	180.61
160 - 170	122.64
170 - 180	43.33

12W PENDANT-MOUNT INDIRECT BATWING



OUTPUT PERFORMANCE

BATWING

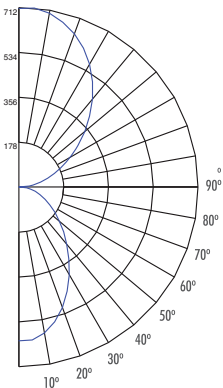
DM1-12-3K-D-BW
12W Module, 4000K
IESNA LM-63-2002

Light Efficiency: 49
Luminaire Efficacy Rating (LER): 100%
CRI: 80+

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	228.17	22.8	22.8
0-40	392.79	39.3	39.3
0-60	748.13	74.9	74.9
0-90	981.39	98.2	98.3
90-120	11.64	1.2	1.2
90-130	13.98	1.4	1.4
90-150	16.13	1.6	1.4
90-180	17.2	1.7	1.7
0-180	998.59	100	100

Zonal Lumen Summary	
Zone	Lumens
0 - 10	23.89
10 - 20	75.93
20 - 30	128.35
30 - 40	164.62
40 - 50	180.23
50 - 60	175.11
60 - 70	135.52
70 - 80	72.65
80 - 90	25.08
90 - 100	6.18
100 - 110	2.9
110 - 120	2.56
120 - 130	2.34
130 - 140	1.24

18W PENDANT-MOUNT DIRECT/INDIRECT FROSTED LENS



OUTPUT PERFORMANCE

DIRECT/INDIRECT

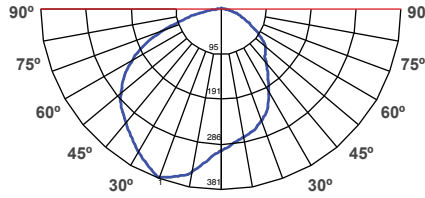
DMC1-18-40K-DI
18W Module, 4000K
IESNA LM-79-08

Luminaire Lumens: 3044 per foot
Luminaire Efficacy Rating (LER): 66%
CRI: 80+

Luminance (cd/sq.m)			
Angle	Average 0°	Average 45°	Average 90°
45°	27210	14668	11929
55°	22227	10415	8353
65°	17404	7067	5687
75°	12033	4243	3549
85°	5590	1854	1827

Zonal Lumen Summary	
Zone	Lumens
0 - 10	57.09
10 - 20	156.98
20 - 30	219.32
30 - 40	236.45
40 - 50	217.05
50 - 60	175.87
60 - 70	125.05
70 - 80	73.30
80 - 90	26.33
90 - 100	37.36
100 - 110	108.79
110 - 120	187.15
120 - 130	259.83
130 - 140	309.86
140 - 150	319.59
150 - 160	278.48
160 - 170	189.11
170 - 180	66.81

12W PENDANT-MOUNT DIRECT WALLWASH



OUTPUT PERFORMANCE

BATWING

DM1-12-3K-D-WW
12W Module, 3000K
IESNA LM-63-2002

Light Efficiency: 49
Luminaire Efficacy Rating (LER): 100%
CRI: 80+

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	254.9	26.5	26.5
0-40	412.25	42.9	42.8
0-60	735.03	76.9	76.4
0-90	941.53	97.9	97.8
90-120	13.97	1.5	1.5
90-130	16.5	1.7	1.7
90-150	19.84	2.1	1.7
90-180	21.17	2.2	2.2
0-180	962.69	100.1	100

Zonal Lumen Summary	
Zone	Lumens
0 - 10	29.06
10 - 20	89
20 - 30	136.84
30 - 40	157.35
40 - 50	165.93
50 - 60	156.85
60 - 70	118.8
70 - 80	63.25
80 - 90	24.44
90 - 100	7.89
100 - 110	3.32
110 - 120	2.76
120 - 130	2.54
130 - 140	2
140 - 150	1.34
150 - 160	.8
160 - 170	.38
170 - 180	.14

Mounting: Pendant

4000K Linear Performance per foot

MODULE	DIRECTION	LUMENS*	W/FOOT	AMP/FOOT (120V/277V)
12W	Direct	835	13.15W	.109/.047
18W	Direct	1287	19.50W	.162/.070
12W	Indirect/Direct	1975	26.31W	.219/.094
18W	Indirect/Direct	3044	39W	.325/.140

IES and Revit files available via Dalume.com

2" Continuum Linear LED Pendant Mount 835LM-1340LM (12W/18W)

Remote Occupancy & Daylight Sensor

Trim Module

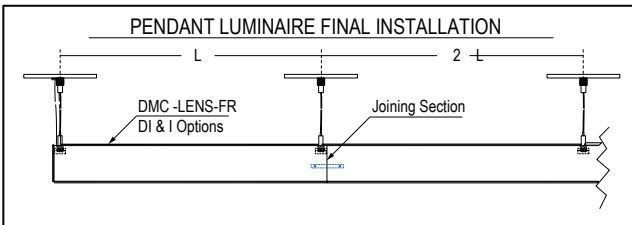
ROS Option offers a 360° PIR (passive infrared) remote occupancy sensor designed for detection of small motion and walking motion. Ideal for small rooms or offices without obstruction or areas with primarily walking motion (e.g. corridors, library stacks).

RDS Option optional integrated photocell enables daylight harvesting control via programmable Push-Button and other features such as:

- 120V-277VAC (Single Phase)
- 0-10V Dimming Controls Compatible
- 15° Lens Rotation - enables adjustment after installation
- Push Button Programmable
- Adjustable Time Delay
- Non-Volatile Settings Memory
- UL and CUL Listed
- Title24 Compliant

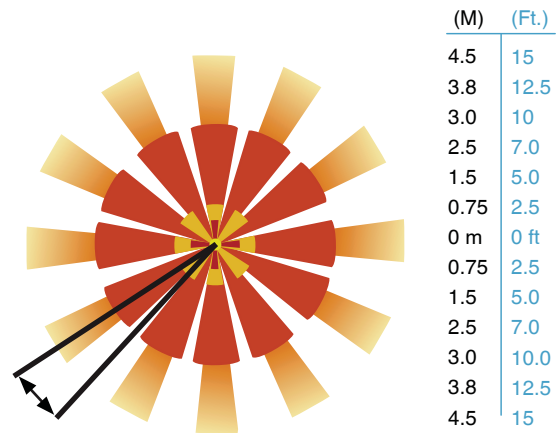
Coverage Pattern

- At the 7.5 ft. (2.29 m) height of a typical pendant mount fixture the sensor provides 10 ft. (3.05 m) radial detection of small motion. At a 9 ft. (2.74 m) height the radius is 12 ft. (3.66 m) for small motion.
- Adequate for walking motion detection from mounting heights between 7.5 ft. (2.29 m) and 20 ft. (6.10 m).
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.
- Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft. (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



Luminaire Length	# of Supports Equally Spaced	Center to Center Length (L)	Center to Center Length (L2)	Mounting Application
2 ft	2	23.5"	24.0"	
t f 3		35.8"	36.0"	
t f 4		47.8"	48.0"	
t f 5		59.8"	60.0"	
t f 6		71.8"	72.0"	
7 ft		83.8"	84.0"	
8 ft		95.8"	96.0"	
			48.0"	
			60.0"	

7.5 ft. Mounting Height



Lens rotates 15° to enable adjustment

2022.10.27

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Custom Finishes (Wood Grain & Solid)

Dalume's Continuum Linear System is engineered with a heavy gauge 6063-TS extruded aluminum and is offered in standard White powder coat finish. Custom wood pattern finishes may be applied in addition to solid color tones.



LIGHT MAPLE:
Modern & clean wood grain finish fuses well light colored room themes.

<
Specify:
CC-LM



MEDITERRANEAN:
Warm wood grain finish fuses well earth tone room themes.

<
Specify:
CC-Med



REDWOOD:
Deep Redwood grain finish fuses well with dark colored room themes.

<
Specify:
CC-RW



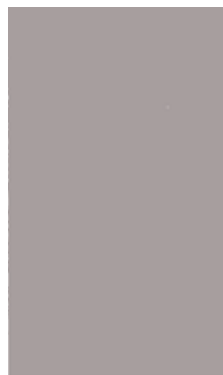
DARK WHEAT:
Bold and bright grain finish is versatile with light & dark colored room themes.

<
Specify:
CC-DW



NAT'L WALNUT:
Brown grain finish fuses well with mid-tone colored room themes.

<
Specify:
CC-NW



CUSTOM COLOR:
A solid paint palette to match any creative room.

<
Specify:
CC-

Ral or Pantone color code

2022.10.27

2" Continuum Collection - Penda Mount