

2" Continuum Linear LED - Surface Mount (12W/18W)

Housing: Continuous, 6063-T5 extruded aluminum profile 2" wide x 2', 4', 8' feet long standard (+/- 1.0") plus custom lengths available. Systems more than 8' long, specify DMCS plus the # of feet (+/- 1.0"). For precise measurements, see page 3 or consult Factory. 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.

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:

Universal mounting provided with cross bar and nipple for connection to standard 2x4 J-Box. Optional 2" Extended 90° Adjustable Arm "-ADJ" for Signs, Walls & Ceilings. See page (3). All power source components accessible from remote enclosure. Recommended 50' or less distance to luminaire with 16 AWG wire. See drop voltage chart for longer distances.

Shielding

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

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

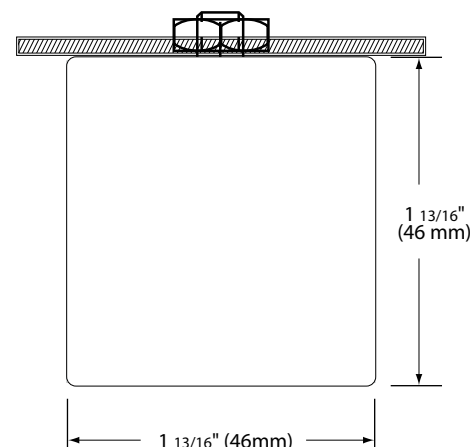
Weight: 1.5lbs. per foot.

Warranty: Complete 5 year Warranty.

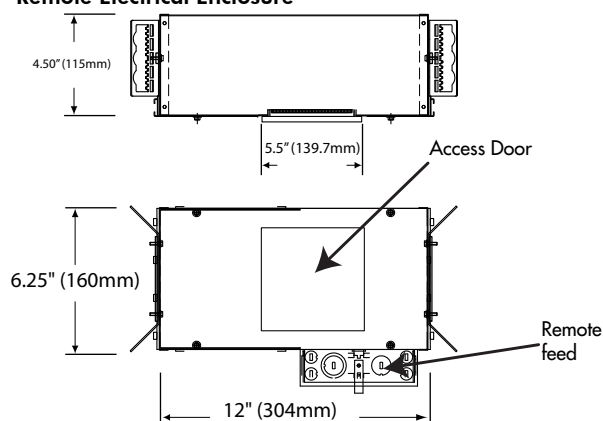
Listing: ETL listed to UL Standards for dry or damp locations. Fixture suitable for wet location under canopy/covered ceilings with **"WL"** option



Channel Profile



Remote Electrical Enclosure



Maintenance: Service from Below

Ordering

Example: DMC812-40K-H-S

CHANNEL	WATT/FT.	COLOR TEMP.	LENS/SHIELDING	MOUNTING	REMOTE DRIVER	OPTIONS
DMC2 :2 Ft.	-12 :12 Watt(835Lm)	-27K*4 :Incandescent White	-Blank: Frosted Lens	-S :Surface	-Blank :120/277V Dim.	Blank :1 Circuit
DMC4 :4 Ft.	-18 ¹ :18 Watt(1340Lm)	-30K*1 :Warm White	-H2: Regressed Lens		-DL* :DALI Dim.	-C** :#Circuits
DMC8 :8 Ft.		-35K :Neutral White	-WW: Wallwash		-ELV :120V Dim.	-CC* : Custom Color
DMCS_:per / #Ft.		-40K :Cool White			-34D* :347V 0-10V Dim.	-ADJ : Adjustable Arm
		RGBW*1:Color Changing			-DMX :DMX 512 Input	-WL : Wet Location

¹18W option is not available for color temperatures 2700K or 3000K.

² Regressed Lens not available in Wet Locations.

³ 2 Ft Increments standard

⁴ Only for 3500k and 4000K color temperatures

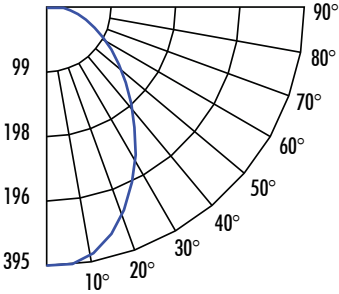
* Special Order, extended lead times may apply. Consult factory.

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Performance

1 Foot Section

12W SURFACE-MOUNT
DIRECT



Output Performance

DIRECT

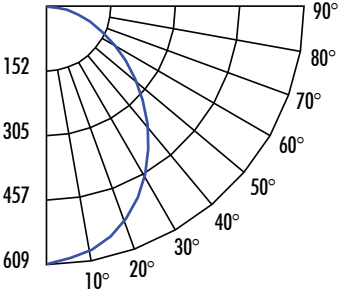
DMC1-12-40K-D
12W Module, 4000K
IESNA: LM-79-08

Delivered Lumens: 835 per foot
Luminaire Efficacy (LER): 64.0%
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	
	0°
0 - 10	37.00
10 - 20	101.81
20 - 30	142.25
30 - 40	153.36
40 - 50	140.81
50 - 60	114.09
60 - 70	81.10
70 - 80	47.56
80 - 90	17.07
90 - 100	24.26

18W SURFACE-MOUNT
DIRECT



OUTPUT PERFORMANCE

DIRECT

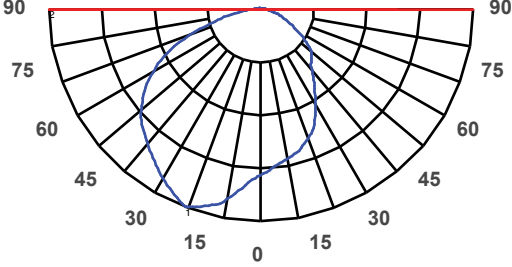
DMC1-18-40K-D
18W Module, 4000K
IESNA: LM-79-08

Delivered Lumens: 1287 per foot
Luminaire Efficacy (LER): 66.0%
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	
	0°
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	0.00

12W SURFACE-MOUNT
WALLWASH



OUTPUT PERFORMANCE

Wallwash

DMC1-12-WW-40K-S
12W Module, 4000K
IESNA: LM-79-08

Delivered Lumens: 962 per foot
Luminaire Efficacy (LER): 100.1%
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	76.4	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	
	0°
0 - 10	24.9
10 - 20	79.76
20 - 30	136.88
30 - 40	180.12
40 - 50	192.93
50 - 60	167.14
60 - 70	114.96
70 - 80	60.61
80 - 90	21.12
90 - 100	6.41
100 - 110	5.59
110 - 120	5.27
120 - 130	4.85
130 - 140	4.19
140 - 150	3.41
150 - 160	2.62
160 - 170	1.69
170 - 180	.59

Mounting: Surface

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

IES and Revit files available via Dalume.com

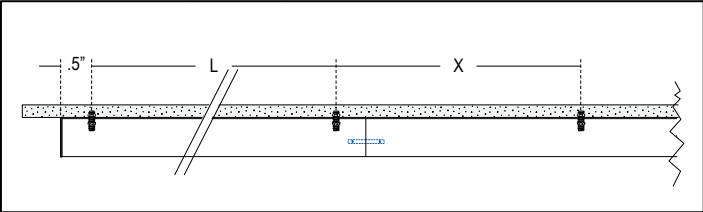
2" Continuum Linear LED - Surface Mount

(12W/18W)

Extended Adjustable Arm

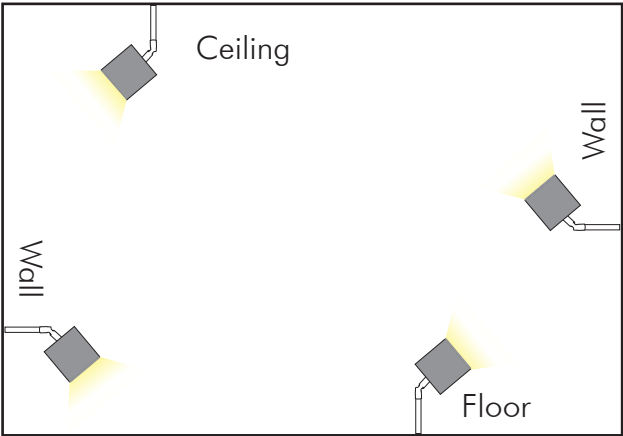
This optional yoke feature allows for surface mounting to any structural wall, ceiling or floor to directly illuminate Signs, Textures and Walls, plus an ideal solution for "Sloped" or "Vaulted" Ceilings. Equipped with heavy duty locking `teeth to ensure a secure positioning.

SURFACE(ADJ. ARM) LUMINAIRE FINAL INSTALLATION



Luminaire Length	Nominal Length	# of Supports Equally Spaced	Center to Center Length (L)	Center to Center Length (X)	Mounting Application
3 ft	36"	2"	35"	36"	
4 ft	48"		47"	48"	
5 ft	60"		59"	60"	
6 ft	71.6"		70.6"	71.6"	
7 ft	83"		82"	83"	
8 ft	95"		94"	94"	

MOUNTING POSITIONS



*1 to 3 feet contact factory.

Remote Occupancy & Daylight Sensor

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

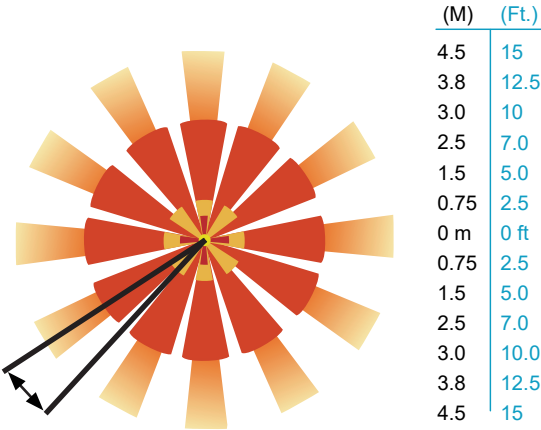
At the 7.5 ft. (2.29 m) height of a typical pendant mount fixture the sensor provides 10 ft. (3.05 m) radial detection of small motion. At a 9 ft. (2.74 m) height the radius is 12 ft. (3.66 m) for small motion.

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 distaces 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.

7.5 ft. Mounting Height



Lens rotates 15° to enable adjustment

2" Continuum Linear LED - Surface Mount

(8W/12W)

Custom Finishes (Wood Grain & Solid)

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



LIGH T MAPLE:

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

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Specify:

CC-LM



MEDITERRANEAN:

Warm wood grain finish fuses well earth tone room themes.

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Specify:

CC-Med



REDWOOD:

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

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Specify:

CC-RW



DARK WHEAT:

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

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Specify:

CC-DW



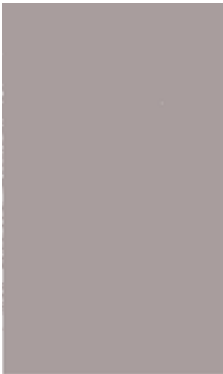
NAT'L WALNUT:

Brown grain finish fuses well with mid-tone colored room themes.

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Specify:

CC-NW



CUSTOM COLOR:

A solid paint palette to match any creative room.

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Specify:

CC-

Raal or Pantone color code

2022.10.28