

4" Continuum Linear LED - Recessed Mount (RS & RV)

Housing: Continuous, 6063-T5 extruded aluminum profile 4" wide x 2', 4', 8' or 12' feet long. Standard plus custom lengths available. Systems more than 12' long, specify DMS plus the # of feet. Joined with connecting brace for ease of installation to assure a uniform appearance. 65% recycled materials.

Integral Electronic Driver: Electronic 15W per foot Max. 120V/277V or 347V input, 24V output. 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.

PF>0.95, THD max<20%, Auto recovery. UL Listed.
 0-10V Dimming Standard. Optional DALI & ELV available with extended lead times. (see Dalume.com for compatible dimmers). Emergency 990 Lumen per 2 foot section 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, please contact factory for details.

Mounting/Power Source:
 Universal mounting to any structural ceiling or wall joints. (RS) option includes 2" Trimless for smooth edge plastering. (RV) option for a 3/8" Visible flanged extrusion to overlap ceiling cut-out. All power source components accessible from below.

Shielding

- High Performance frosted lens and filter to neutralize multi-shadow effect.
- 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# Custom Wood finish, Consult factory for details.

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

- High CRI of 80+ for accurate color presentation.
- Lumens Delivered : **10W (700Lm) Module 15W (990Lm) Module 8W RGBW (260Lm) Module per foot**
- Color Temperatures (+/- 100K) 3,000K, 3,500K, 4,000K, RGBW Color Changing
- L70 @ 80,000 hours with 25°C Ambient
- Beam Angle: 90° Horizontal x 85° Vertical

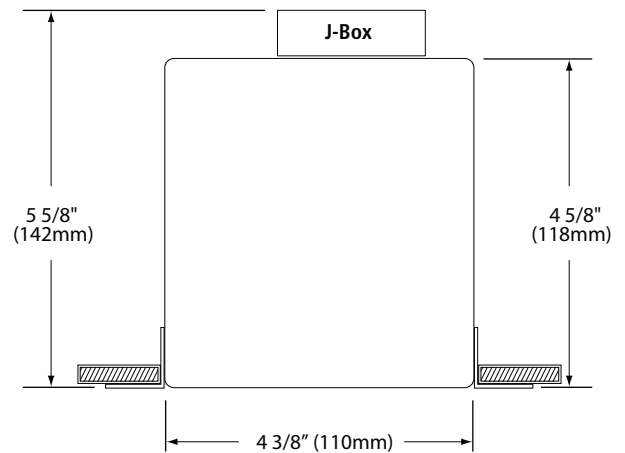
Weight: 2.5lbs. per foot.

Warranty: Complete 5 year Warranty. (See catalog for details).

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



LED Trim Module



Q6: 2" Square aperture with 0-20 degree internal positioning. Ideal for inconspicuous accent and down lighting.



Q7: Fully adjustable pull-down head for maximum aiming of 0-85 degree.



Q8: 2" Round gimbal. 0-35 degree positioning.

Ordering

Example: DMS18-15-35K-RS-OS1-Q6N-X2E9

CHANNEL	WATT/FT.	COLOR TEMP	MOUNTING OPT.	DRIVER	OPTIONS
DM2 :2 Ft.	-10 :10W (700Lm)	-30K* :3000K*	-RS :Recessed Trimless	Blank :0-10V Dimming	Blank :1 Circuit
DM4 :4 Ft.	-15 :15W (990Lm)	-35K :3500K	-RV :Recessed Visible Flange	-DL* :DALI Dimming	- C# : # Circuit°
DM8 :8 Ft.		-40K :4000K		-ELV* :Electronic 12V Dimming*	- DS# : Daylight Sensor+°
DM12 :12 Ft.		-RGBW :RGBW		-34D :347V 0-10V Dimming	- OS# : Occupancy Sensor+°
DMS_ :System Ft.					- EM# : Emergency Back-up°
					- CC : Custom Color
					- WL : Wet Location

TRIM MODULE	BEAM	QUANTITY	TRIM SPACING
-Q6 :Accent+	VN :10° Deg	-X_ :# of trims grouped	E_ :# of feet
-Q7 :Pull Down+	N :20° Deg		
-Q8 :Gimbal+	F :36° Deg		

+ Add 4.5" to Channel per Trim
 600Lm / 80+ CRI

° :Specify Configuration Example
 ∞ :2' per EM pack (1400Lm)
 #_ :Specify Quantity per System
 + :Add 4.5" to Channel per Option

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4" Continuum Linear LED - Recessed Mount (RS & RV)

Performance

Trim Module

Q7 Pull-Down, Q8 Gimbal
 12W Module, 3000K/4000K
 Q7/Q8 Luminaire
 Luminaire Lumens : 600 per foot
 Luminaire Efficacy Rating (LER) : 50.0 %
 CRI: 80+

Narrow Spot (10°)

Distance to Floor	Beam Diameter (50% CBCP)	Foot-candles on Floor
3.0'	5.0'	856
6.0'	1.0'	214
9.0'	1.6'	95
12.0'	2.1'	54
15.0'	2.6'	34

Narrow Flood (20°)

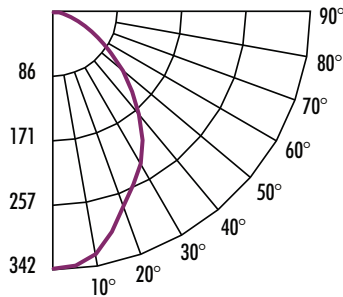
Distance to Floor	Beam Diameter (50% CBCP)	Foot-candles on Floor
3.0'	1.1'	422
6.0'	2.1'	106
9.0'	3.2'	47
12.0'	4.2'	26
15.0'	5.3'	17

Flood (36°)

Distance to Floor	Beam Diameter (50% CBCP)	Foot-candles on Floor
3.0'	1.9'	178
6.0'	3.9'	44
9.0'	5.8'	20
12.0'	7.8'	11
15.0'	9.7'	7

Linear Section

DM1-10-40K-RG
 10W Module, 4000K
 IESNA: LM-63-2002
 Luminaire Lumens : 703 per foot
 Luminaire Efficacy Rating (LER) : 63.0 %
 CRI: 80+



Luminance (cd/sq.m)

Angle	Average 0°	Average 45°	Average 90°
45°	4304	3315	4193
55°	3045	2404	2760
65°	1938	1331	1562
75°	1155	720	857
85°	633	371	309

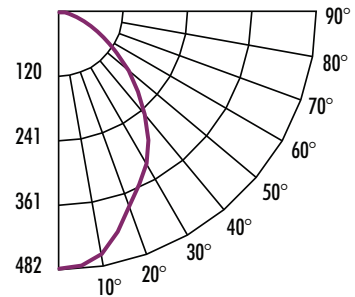
Zonal Lumen Summary

Angle Range	0°
0 - 10	32.15
10 - 20	89.17
20 - 30	125.66
30 - 40	137.04
40 - 50	124.55
50 - 60	92.32
60 - 70	56.87
70 - 80	30.04
80 - 90	13.10
90 - 100	2.14

Coefficients of Utilization

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
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	102	98	107	103	100	97	99	96	93	95	93	91	91	90	88	86
2	101	94	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	75	67	61	84	74	66	60	71	65	59	69	63	59	67	62	58	56
5	79	68	59	53	77	66	59	53	64	58	52	62	56	52	61	55	51	49
6	74	61	53	47	72	60	53	47	59	52	46	57	51	46	55	50	46	44
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	41	37	35
9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	34	32
10	57	44	37	32	55	44	36	32	43	36	31	42	36	31	41	35	31	29

DM1-15-40K-RG
 15W Module, 4000K
 IESNA: LM-63-2002
 Luminaire Lumens : 991 per foot
 Luminaire Efficacy Rating (LER) : 61.0 %
 CRI: 80+



Luminance (cd/sq.m)

Angle	Average 0°	Average 45°	Average 90°
45°	6064	4671	5907
55°	4290	3387	3889
65°	2731	1876	2200
75°	1627	1014	1208
85°	891	523	436

Zonal Lumen Summary

Angle Range	0°
0 - 10	45.30
10 - 20	125.65
20 - 30	177.06
30 - 40	193.09
40 - 50	175.48
50 - 60	130.08
60 - 70	80.13
70 - 80	42.33
80 - 90	18.46
90 - 100	3.02

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Mounting: Pendant

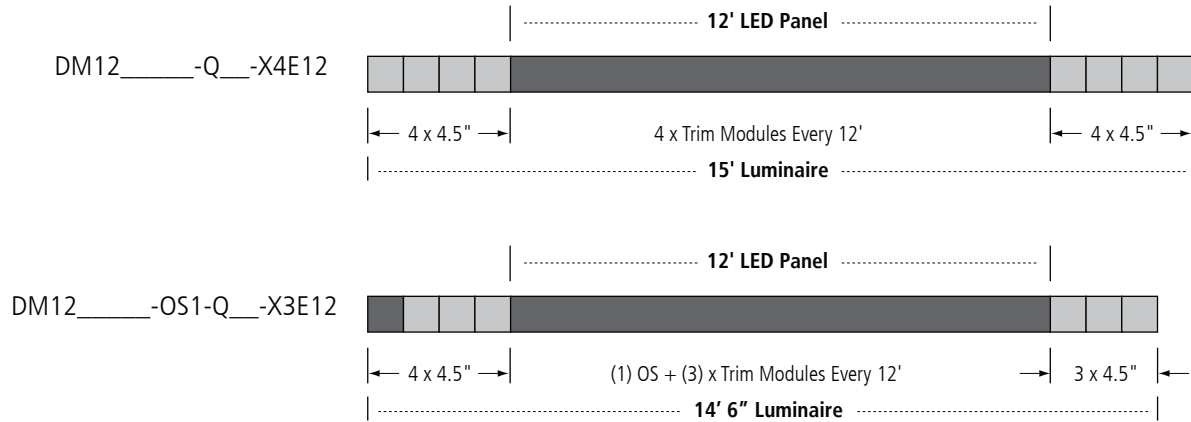
4000K Linear Performance per foot 3500K* = 0.97, 3000K = 0.94 multiplier

MODULE	DIRECTION	LUMENS*	LER	W/FOOT	AMP/FOOT (120V/277V)
10W	☐ Direct	703	63	11.19W	.093/.043
15W	☐ Direct	991*	61	16.25W	.135/.059

IES files available via Dalume.com

4" Continuum Linear LED - Recessed Mount (RS & RV)

Example Configuration Layout



Occupancy & Daylight Sensor

Trim Module

OS Option offers a 360° PIR (passive infrared) 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).

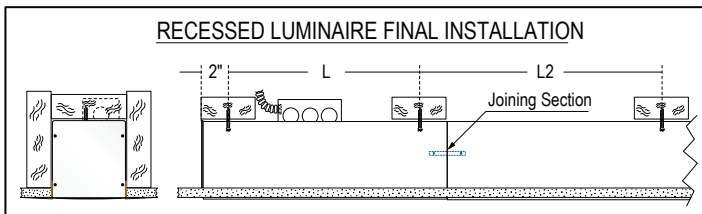
DS Option optional integrated photocell enables daylight harvesting control via programmable Push-Button and other features such as:

- 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

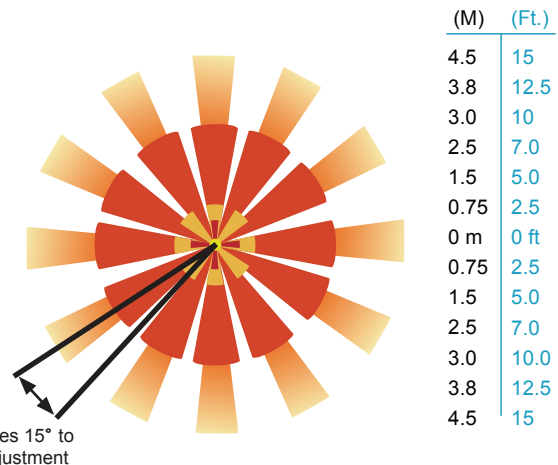
- At the 7.5 ft. (2.29 m) height of a typical pendant mount fixture the sensor provides 10 ft. (3.05 m) radial detection of small motion. At a 9 ft. (2.74 m) height the radius is 12 ft. (3.66 m) for small motion.
- Adequate for walking motion detection from mounting heights between 7.5 ft. (2.29 m) and 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.

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Luminaire Length	# of Supports Equally Spaced	Center to Center Length (L)	Center to Center Length (L2) Joining Section	Mounting Application
1 ft	2	8"	12"	
2 ft		20"	24"	
3 ft		32"	36"	
4 ft		44"	48"	
5 ft		56"	60"	
6 ft	3	34"	36"	
7 ft		40"	42"	
8 ft		46"	48"	
9 ft		52"	54"	
10 ft		58"	60"	
11 ft		64"	66"	
12 ft		70"	72"	

7.5 ft. Mounting Height



PROJECT NAME: _____
CATALOG#: _____

DATE: _____
TYPE: _____

4" Continuum Linear LED - Recessed Mount (RS & RV)

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



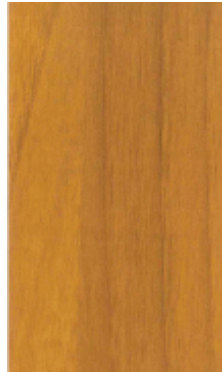
MEDITERRANEAN:
Warm wood grain finish fuses well earth tone room themes.

<
Specify:
CC-Med



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

<
Specify:
CC-RW



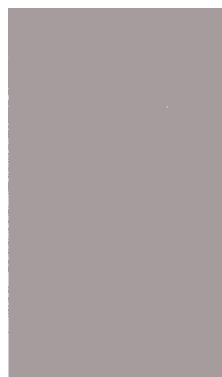
DARK WHEAT:
Bold and bright grain finish is versatile with light & dark colored room themes.

<
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-

Raal or Pantone color code

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