

Project: Catalogue #: Type:
Notes:

Product Description

An Intellect enabled Commercial-grade, LED strip luminaire. Ideal for many applications requiring a low-cost, small profile, lighting solution. This luminaire features standalone occupancy sensor with daylight harvesting or wireless occupancy/daylight sensor that integrates into the Intellect wireless control system.

Features

- Shallow design
- Surface or suspension mountable
- Available in nominal length of 24, 48, & 96 inches
- 80+ CRI
- Standard low voltage dimming (0-10v)
- Intellect occupancy/daylight sensor

Applications

- Coves
- Parking garages
- Retail shelving
- Industrial racks
- Utility areas

Featured Options

- Emergency lighting battery pack

Optical System

Standard units are supplied with frosted extruded micro-grooved square polycarbonate lens.

Mounting

Mounting holes are provided. This product can be surface or suspension mounted.

Construction

Die and brake-formed, code gauge, steel housing and ends. Knockouts are provided for conduit attachment.

Finish

White, polyester powder painted housing.

Electrical

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours.

Control

Two Integrated control fixtures available (see ordering key on page 2). The Intellect in-fixture solo occupancy sensor with daylight harvesting and the Intellect in-fixture wireless occupancy/daylight sensor that integrates into the Intellect wireless control system.

Warranty

5 year limited warranty. For complete warranty terms visit:
https://www.viscor.com/en/docs/VISCOR_LED_WARRANTY.PDF

Approvals

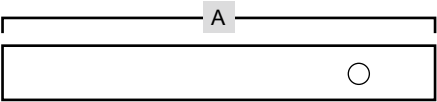
Approved to CSA/UL standards.
Suitable for damp locations.

Approvals

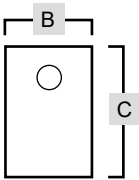


Dimensions

Top View:



End View:



Configuration	A	B	C
24	26 1/4"	2 1/16"	3"
48	48 1/4"	2 1/16"	3"
96	92 5/8"	2 1/16"	3"

Consult installation guide for exact dimensions.

Note: All configurations may not be DLC qualified. Check www.designlights.org/QPL for qualified configurations.

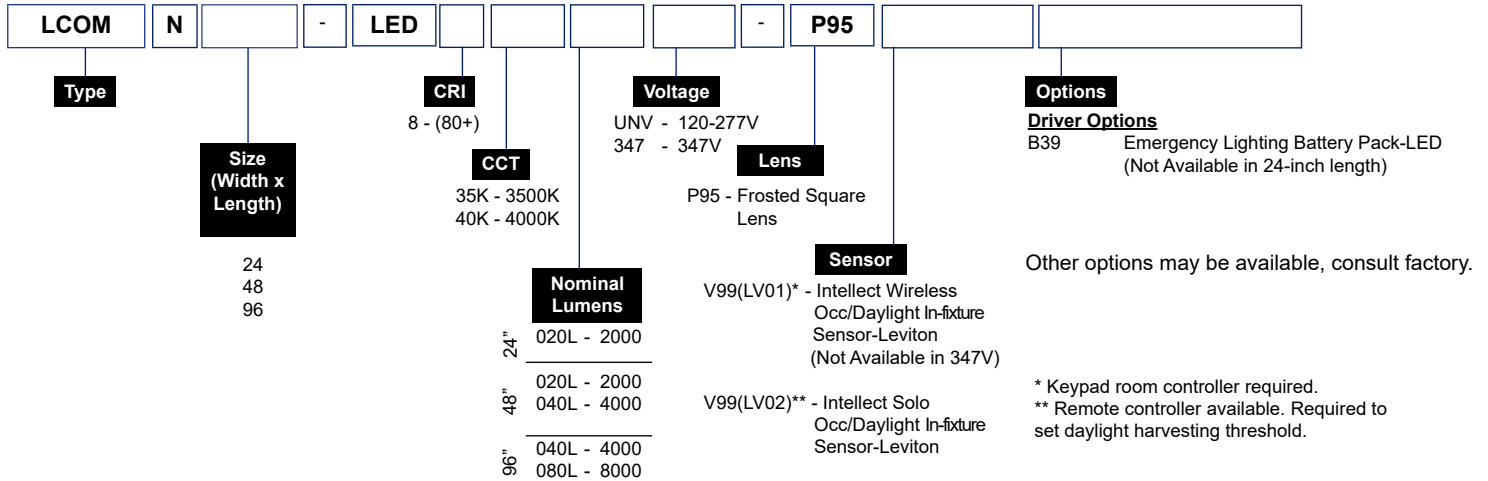
LCOMN Square - Intellect

LED Linear Type N - Architectural Lighting

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Order Key

EXAMPLE: LCOMN48-LED840K40LUNV-P95V99(LV01)

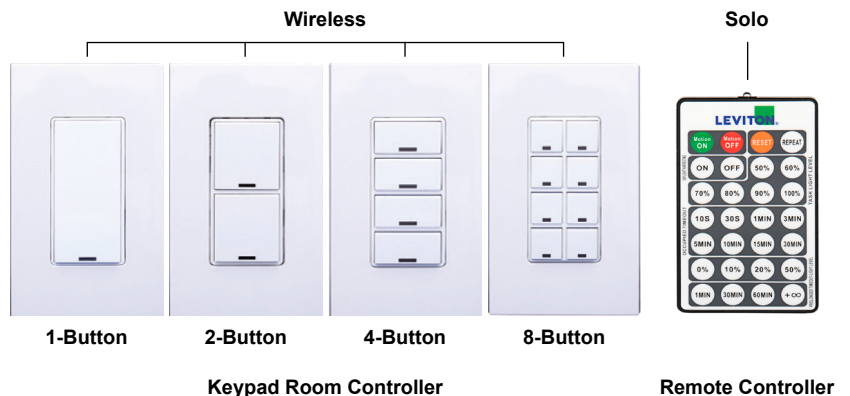


Size	Nominal Lumens	Watts
24"	2000	18
48"	2000	18
	4000	32
96"	4000	32
	8000	66

Mounting Kits (Ordered Separately)	
Size	Item No.
KIT00001	Chain Set (2) 4ft w/ S-hooks.M10
KIT00002	Speedy Hangers (2).M23
KIT00003	Stem & Canopy Set 3/8"IP (2) 4ft.M26
KIT00043	Aircraft Cable & Canopy Set (2) 4ft.M48 (Cord not included with the kit)
KIT00044	Stem & Canopy Set Sloped Ceilings (2) 3ft.M29
KIT00045	Stem & Canopy Set Sloped Ceilings (2) 4ft.M29
KIT00046	Stem & Canopy Set Sloped Ceilings (2) 6ft.M29
KIT00047	Stem & Canopy Set 3/8"IP (2) 2ft.M26
KIT00048	Stem & Canopy Set 3/8"IP (2) 1ft.M26
KIT00050	Stem & Canopy Set 3/8"IP (2) 3ft.M26
KIT00053	Stem & Canopy Set 3/8"IP (2) 6ft.M26

Intellect Controllers (Ordered Separately)

Item No.	Description	Sensor Type Compatibility
KIT00226	8 Buttons Keypad	V99(LV01)
KIT00227	4 Buttons Keypad	V99(LV01)
KIT00228	2 Buttons Keypad	V99(LV01)
KIT00229	1 Button Keypad	V99(LV01)
ELC00368	Remote Controller	V99(LV02)



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Photometrics

IES File: LCOMN48-LED840K040LUNV-P95
Lumens: 3973
Wattage: 36.5
Efficacy: 109

Zonal Lumen Summary
Zone Lumens %Fixture
0.0° - 30.0° 803 20.2%
0.0° - 40.0° 1312 33.0%
0.0° - 60.0° 2351 59.2%
0.0° - 90.0° 3326 83.7%
0.0° - 110.0° 3621 91.1%
0.0° - 130.0° 3826 96.3%
0.0° - 150.0° 3936 99.1%
0.0° - 170.0° 3971 99.9%
0.0° - 180.0° 3973 100.0%

Average Luminance Table (cd/m2)
CP Summary
0.00° 0.00° 45.00° 90.00°
0.00° 17803 17803 17803
45.00° 14713 12385 12034
55.00° 13437 11173 11131
65.00° 11892 9996 10337
75.00° 9558 8824 9544
85.00° 3905 7756 8891

Coefficients of Utilization
80% 70% 50%
70% 50% 30% 70% 50% 30% 70% 50% 30%
0 115 115 115 111 111 111 102 102 102
1 103 98 93 99 94 89 90 86 83
2 93 84 77 89 81 74 81 75 69
3 85 73 65 81 71 63 73 65 59
4 77 65 56 74 62 54 67 58 51
5 71 58 48 67 55 47 61 52 44
6 65 52 43 62 50 41 57 46 39
7 60 47 38 58 45 37 53 42 35
8 56 43 34 54 41 33 49 38 31
9 52 39 31 50 38 30 46 35 28
10 49 36 28 47 35 27 43 33 26

Effective Floor Cavity Reflectance: 20%