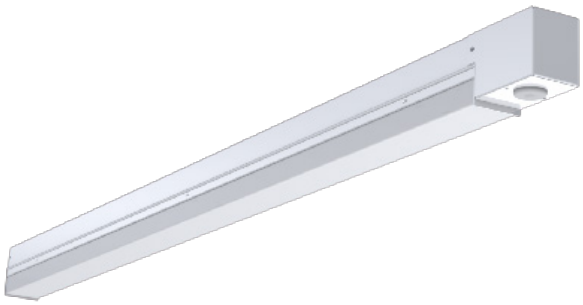
General Lighting Fixtures with Integrated Controls
LCOMN Square



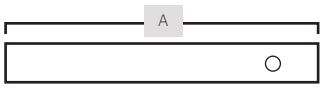
Description
Leviton General Lighting Fixtures with Integrated Controls are self-contained, fully integrated fixtures for commercial LED solutions. The LED Commercial Grade Type N Square Luminaire (LCOMN SQ) is ideal for applications requiring a low-cost, small profile lighting solution.

This luminaire can be integrated with the Solo standalone occupancy sensor with daylight harvesting or the Intellect™ wireless occupancy/daylight sensor* that integrates into the GreenMAX® DRC Wireless lighting control system.

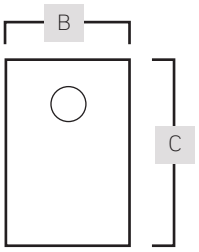
Applications
- Coves
- Parking garages
- Retail shelving
- Industrial racks
- Utility areas

Features
- Shallow design
- Surface or suspension mountable
- Two integrated control options available
- Long life LED coupled with high-efficiency drivers provides quality illumination
- Available in nominal length of 24”, 48”, and 96”
- 80+ CRI
- Standard low voltage dimming (0-10V)
- UL, cUL listed
- 5-year limited warranty

Dimensions



Top View

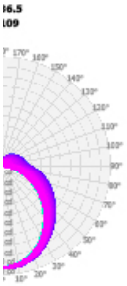


End View

Configuration	A	B	C
24”	26.25”	2.06”	3”
48”	48.25”	2.06”	3”
96”	92.62	2.06”	3”

Consult installation guide for exact dimensions.

Photometrics



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°	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

pc	80%			70%			50%		
pw	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%

Leviton Manufacturing Co., Inc. Lighting & Controls
10385 SW Avery Street,Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004
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Specifications

Lifetime Rating	Rated to deliver L80 performance > 50,000 hours
Optical System	Standard units are supplied with frosted extruded micro-grooved square polycarbonate lens
Mounting	Surface or suspension; mounting holes provided
Construction	Die and brake-formed, code gauge, steel housing and ends; knockouts are provided for conduit attachment
Finish	White, polyester powder painted housing
Listings	UL, cUL
Warranty	Limited 5-year

Ordering Key

LCOM **N** [ ] - **LED** [ ] [ ] [ ] **UNV** - **P95** [ ] [ ]

Type
Narrow

Nominal Length (in)
24
48
96

CRI
8 - (80+)

CCT
35K - 3500K
40K - 4000K

Nominal Lumens

24"	020L - 2000
48"	020L - 2000 040L - 4000
96"	040L - 4000 080L - 8000

Voltage
UNV - 120-277V

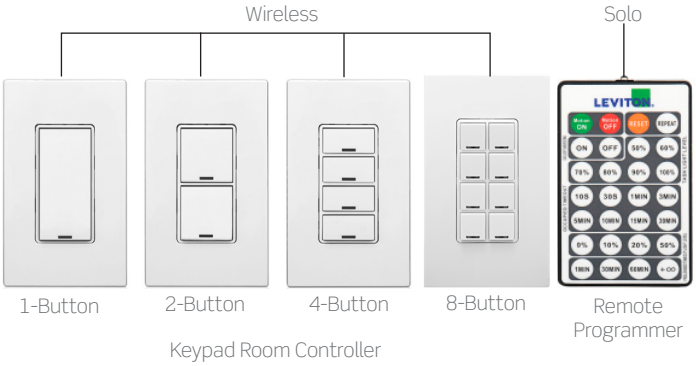
Lens
P95 - Frosted Square Lens

Control
V99(LV01) - Intellect Wireless Occ/Daylight In-fixture Sensor*
V99(LV02) - Solo Occ/Daylight In-Fixture Sensor
*Available through a Leviton Agent only.

Options
Driver Options
B39 Emergency Lighting Battery Pack (Not Available in 24-inch length)

Other options may be available, consult factory

Wireless Controls (Sold separately)



Cat. No.	Description	Sensor Type Compatibility
DRKDN-U1W*	1 Button Keypad	V99(LV01)
DRKDN-U2W*	2 Button Keypad	
DRKDN-U4W*	4 Button Keypad	
DRKDN-U8W*	8 Button Keypad	
ZLS0R-RA1*	Remote Controller	V99(LV02)

*Available through a Leviton Agent only.

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Visit our Website at: www.leviton.com/integratedcontrols
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