DATE:
LOCATION:

TYPE:
PROJECT:

CATALOG #:

LNC3
MEDIUM LED LITEPAK

FEATURES

- Litepak LNC3 is a mid-sized wallpack in the popular Litepak series

- The LNC3 features luminaires with TIR optics and four different lumen packages, multiple distributions and CCT for maximum light level and mounting height flexibility

- Capable of replacing up to 250w HID solutions at over 70% energy savings

- Energy efficient LEDs provide 70%+ energy savings with little to no maintenance when compared to traditional light sources

- Typical mounting heights of 8-20"

24L with diffuser

Occupany Sensor

24L without diffuser

CSA C US

ida DARK SKY APPROVED 2016 *3000K and warmer CCTs only

DLC QPL LISTED

RELATED PRODUCTS

LNC INC2 LNC4

CONTROL TECHNOLOGY

SiteSync LIGHTING CONTROL

NX DISTRIBUTED INTELLIGENCE

wiSCAPE

SPECIFICATIONS

CONSTRUCTION
- Die-cast aluminum housing protects components and provides an architectural appearance
- Casting thermally conducts LED heat to optimize performance and long life
- Powder paint finish provides durability in outdoor environments
- Four 1/2" conduit entries (top, bottom, and sides) provided for surface conduit
- Zero uplight distributions using individual acrylic LED optics provide IES type II, III and IV distributions
- CS - Frosted acrylic diffuser option for reduced glare
- CSU - Frosted acrylic diffuser for inverted "up" mounting applications (lens required)

OPTICS
- Ambient operating temperature -40°C to 40°C
- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Available in 4 or 24 LED configuration
- L70 at 60,000 hrs (Projected per IESNA TM-21-11), see table on page 3 for all values

INSTALLATION
- Quick-mount adapter with gasket seal provides easy installation to wall or to recessed junction box (4" square junction box)

INSTALLATION (CONTINUED)
- Fixture attaches by two Allen-head hidden fasteners for tamper resistance
- Designed for direct j-box mount or conduit feed on all four sides in single SKU

ELECTRICAL
- 120-277, 347 and 480 voltage, 50/60Hz, 0-10V dimming drivers
- Electronic driver
- 10kA surge protection

CONTROLS
- Button photocontrol for dusk to dawn energy savings
- 7-pin photo-receptacle available for twist lock photocell and controls by others
- Occupancy sensor options available for complete on/off and dimming control
- SiteSync pre-commisioned wireless controls (with or without sensor)
- In addition, LITEPAK can be specified with SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7
- See ordering information or visit www.hubblllighting.com/sitesync for more details

CERTIFICATIONS
- DLC® DesignLights Consortium Qualified, with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Listed to UL1598 and CSAC22.2#250.0-24 for wet locations
- Listed to UL1598 and CSAC22.2#250.0-24 for wet locations
- IP65 Assembly
- IDA Approved (3000K configurations)

WARRANTY
- 5 year limited warranty
- See HLI Standard Warranty for additional information

KEY DATA	
Lumen Range	2,991–7,603
Wattage Range	28–83
Efficacy Range (LPW)	84–115
Fixture Projected Life (Hours)	L70>60K
Weights lbs. (kg)	18.0 (8.2)

HUBBELL Lighting

LNC3
MEDIUM LED LITEPAK

ORDERING GUIDE

Example: LNC3-24L-3K-035-2-U-DBT-PCU

CATALOG #

ORDERING INFORMATION

Series		# LEDs	CCT/CRI		Drive Current		IES Distribution		Voltage	
LNC3 Medium Litepak Wallpack		**24L** 24LEDs	**3K** 3000K nominal, 70 CRI		**035** 350mA		**2** Type II[1]		**U** 120-277V	
			4K 4000K nominal, 70 CRI		**050** 500mA		**3** Type III[1]		**1** 120V[1]	
			5K 5000K nominal, 70 CRI		**075** 750mA		**4** Type IV[1]		**2** 208V[1]	
					105 1050mA				**3** 240V[1]	
									4 277V[1]	
									5 480V[1]	
									F 347V[1]	

Finish		Control Options		Options	
BLT Black Matte Textured		**PCU** Universal Button Photocontrol		**F** Fusing (must specify voltage per footnote)	
BLS Black Gloss Smooth		**7PR** 7pin PCR[6]		**CS** Frosted acrylic diffuser	
DBT Dark Bronze Matte Textured		**SCP** Programmable occupancy sensor[3,4]		**CSU** Inverted/Up mounting frosted acrylic diffuser (required for up/ inverted fixture installations, factory install only see page 3)[2]	
DBS Dark Brone Gloss Smooth		**SWP** SiteSync Pre-Commision[7,10]			
GTT Graphite Matte Textured		**SWPM** SiteSync Pre-commision w/ OCC Sensor[4,7,8,10]			
LGS Light Grey Gloss Smooth				**E** Integral battery backup rated for 0°C[1,5]	
PSS Platinum Silver Smooth				**EH** Integral battery backup with heater rated for -30°C[1,5]	
WHT White Matte Textured				**2DR** Dual Driver[9]	
WHS White Gloss Smooth					
VGT Verde Green Textured					
Color Option					
CC Custom Color					

Notes:

1. Must specify voltage (120 or 277 only for E & EH)
2. Factory install only. Not available with SCP or SWPM sensor/ control options
3. Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only
4. PCU option not applicable, included in sensor (8F = up to 8ft, 20F = up to 20ft)
5. 350mA, 500mA & 750mA versions only. Not available with F, SWP or SWPM options
6. Accepts standard 3, 5, and 7-Pin ANSI controls (by others). Not available with PCU, SWP or SWPM control options
7. Must specify group and zone information at time or order. See www.HubbellLighting.com/products/sitesync for future details
8. Specify time delay; dimming level and mounting height
9. 750mA and 1050mA versions only, not available with 347/480V
10. 1050mA only, not available with 347V or 480V

ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

	Catalog Number	Description
☐	LNC3-CS	Frosted acrylic comfort shield/lens, reduces glare and improves uniformity with only 20% lumen reduction
☐	SCP-Remote	Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor
☐	SWUSB	SiteSync interface software loaded on USB flash drive for use with owner supplied PC (Windows based only). Includes SiteSync license, software and USB radio bridge node*
☐	SWTAB	Windows tablet and SiteSync interface software. Includes tablet with preloaded software, SiteSync license and USB radio bridge node*
☐	SWBRG	SiteSync USB radio bridge node only. Order if a replacement is required or if an extra bridge node is requested
☐	SW7PR	SiteSync 7 Pin on fixture module On/Off/Dim, Daylight Sensor 120-480VAC+

Notes:

*   When ordering SiteSync at least one of these two interface options must be ordered per project

+   Available as a SiteSync retrofit solution for fixtures with an existing 7pin receptacle

Hubbell Control Solutions — Accessories (Sold Separately)

NX Distributed Intelligence™

☐	NXOFM-1R1D-UNV	On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with HubbNET Radio and Bluetooth® Radio, 120–480VAC

wiSCAPE® Lighting Control

☐	WIR-RME-L	On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110–480VAC

For additional information related to these accessories please visit www.hubbellcontrolsolutions.com. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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CONTROLS

SiteSync — Precommissioned Ordering Information:

When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit the SiteSync family page on our website or contact Hubbell Lighting tech support at 800-345-4928.

SiteSync fixtures with Motion control (SWPM) require the mounting height of the fixture for selection of the lens.

Examples: LNC3-24L-4K-075-3-U-BL-SWP   SiteSync only
          LNC3-24L-4K-075-3-U-BL-SWPM-20F   SiteSync with Motion Control

SiteSync 7-Pin Module:

• SiteSync features in a new form
• Available as an accessory for new construction or retrofit applications (with existing 7-Pin receptacle)
• Does not interface with occupancy sensors

SW7PR

PERFORMANCE DATA

# Of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 80 CRI)				
				Lumens	LPW*	B	U	G	Lumens	LPW*	B	U	G	Lumens	LPW*	B	U	G
4	N/A	N/A	E	671	-	-	-	-	657	-	-	-	-	591	-	-	-	-
24	350mA	28	2	3,212	115	1	0	1	3,145	113	1	0	1	2,991	107	1	0	1
			3	3,160	113	1	0	1	3,094	111	1	0	1	2,944	106	1	0	1
			4	3,182	114	1	0	1	3,116	112	1	0	1	2,964	106	1	0	1
	500mA	41	2	4,143	101	1	0	2	4,057	99	1	0	2	3,858	94	1	0	2
			3	4,076	99	1	0	1	3,991	97	1	0	1	3,797	93	1	0	1
			4	4,104	100	1	0	1	4,019	98	1	0	1	3,823	93	1	0	1
	750mA	60	2	5,918	99	1	0	2	5,795	97	1	0	2	5,512	92	1	0	2
			3	5,823	97	1	0	2	5,702	95	1	0	2	5,424	90	1	0	2
			4	5,863	98	1	0	2	5,741	96	1	0	2	5,461	91	1	0	2
	1050mA	83	2	7,630	92	2	0	2	7,472	90	2	0	2	7,107	86	2	0	2
			3	7,508	90	1	0	2	7,352	89	1	0	2	6,993	84	1	0	2
			4	7,559	91	1	0	2	7,402	89	1	0	2	7,041	85	1	0	2

ELECTRICAL DATA

# OF LEDS	Drive Current (mA)	Input Voltage (V)	Oper. Current (Amps)	System Power (W)
24	350mA	120	0.23	28
		277	0.10	28
		347	0.08	28
		480	0.06	28
	500mA	120	0.34	41
		277	0.15	41
		347	0.12	41
		480	0.09	41
	750mA	120	0.50	60
		277	0.22	60
		347	0.17	60
		480	0.13	60
	1050mA	120	0.69	83
		277	0.30	83
		347	0.24	83
		480	0.17	83

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	50,000	TM-21-11* L96 60,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.97	0.94	0.93	0.89	>296,000
40°C / 104°F	1.00	0.95	0.91	0.89	0.83	>191,000

*   Projected per IESNA TM-21-11 * (Nichia 219B, 700mA, 85°C Ts, 10,000hrs). Data references the extrapolated performance projections for the LNC-12LU-5K base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

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LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0˚ C	32˚ F	1.02
10˚ C	50˚ F	1.01
20˚ C	68˚ F	1.00
25˚ C	77˚ F	1.00
30˚ C	86˚ F	1.00
40˚ C	104˚ F	0.99

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).
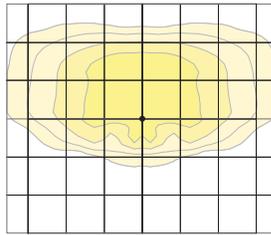
PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

LNC3 – Type II
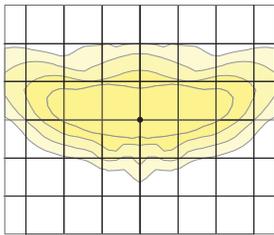
Mounting Height: 15'

LNC3 – Type III

Mounting Height: 15'

LNC3 – Type IV
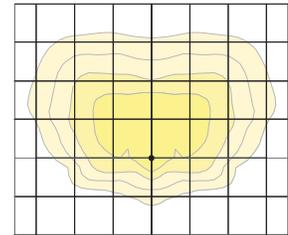
Mounting Height: 15'

DIMENSIONS
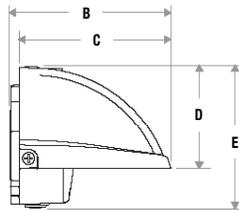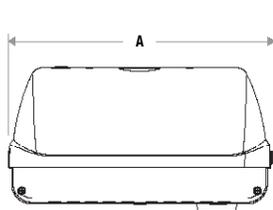
A	B	C	D	E	Weight
13" (330 mm)	10.5" (267 mm)	9.9" (251 mm)	5.8" (147 mm)	8.3" (211 mm)	25.0 lbs 11.3 kg

ADDITIONAL INFORMATION

CSU – INVERTED MOUNTING OPTION

*Requires Factory Installed Lens Option

Inverted mounting capabilities for uplighting applications. Specially designed frosted acrylic diffuser option softens output, improves uniformity and protects LED lenses.

SCP - PROGRAMMABLE OCCUPANCY SENSOR

*Photocontrol and Wireless Controls by Others

Standard NEMA 7-Pin receptacle for twist lock photocell or wireless controls (by others).

SCP – PROGRAMMABLE OCCUPANCY SENSOR

Sensor offers greater control and energy savings with SCP programmable sensor with adjustable delay and dimming levels (Factory default is 10%)

Visit: http://www.hubbelllighting.com/solutions/controls/ for control application information

SHIPPING INFORMATION

Catalog Number	G.W(kg)/ CTN	Carton Dimensions			Carton Qty. per Master Pack
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)	
LNC3-24LU	18.0 (8.2)	15.8 (40)	11.0 (28)	13.0 (33)	1

HUBBELL Lighting

HUBBELL Outdoor Lighting

LNC3
MEDIUM LED LITEPAK

## ADDITIONAL INFORMATION (CONTINUED)

LNC2 - BATTERY BACK UP
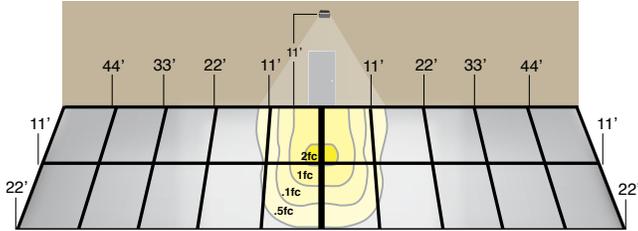
11' Mounting Height

Provides Life Safety Code average illuminance of 1.0 fc. Assumes open space with no obstructions and mounting height of 11'.

Diagrams for illustration purposes only, please consult factory for application layout.

Battery backup units consume 6 watts when charging a dead battery and 2 watts during maintenance charging. EH (units with a heater) consume up to an additional 8 watts when charging if the battery temp is lower than 10°C

E & EH EMERGENCY BATTERY BACKUP
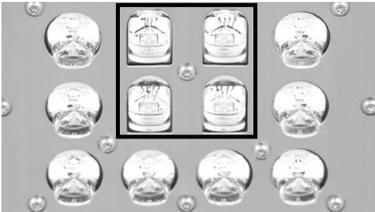
24 High Power LEDs generate up to 7,500 lumens in Normal Mode, and use 4 LEDs for up to 700 lumens in emergency.

USE OF TRADEMARKS AND TRADE NAMES

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