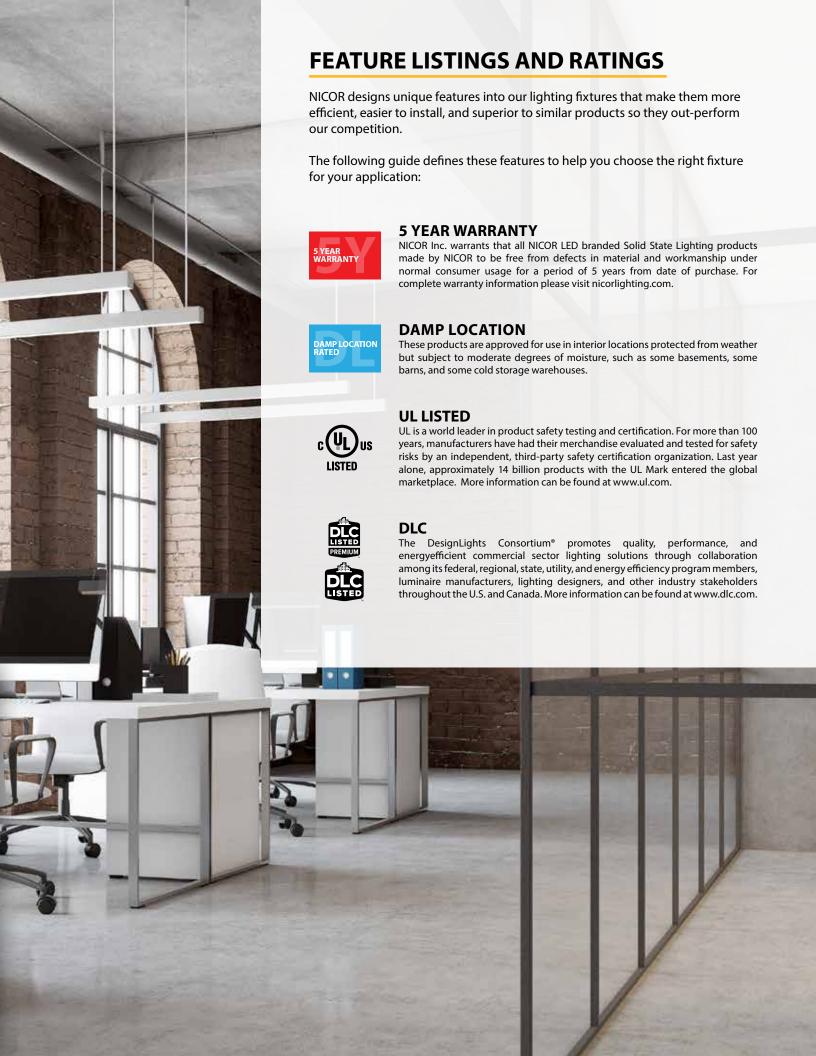




Three stunning new LED architectural linear luminaires from NICOR offer versatile lighting solutions with advanced control capability.

You can choose the type of power management system that's right for your project integrated LED driver or Remote Power over Ethernet (PoE) then design the ideal lighting solution for your commercial, retail, educational, healthcare, or data center application. Accessories for each fixture are available to meet your unique application requirements.

NICOR's linear series fixtures for CAT6 PoE feature the first integrated emergency system with low voltage output, and are easy to install in large installations like data centers. Our patent-pending Lighting Control Unit provides individual power and programmable drive current for up to 14 LED fixtures, delivering a cost effective alternative to legacy wiring along with greater efficiency, easier maintenance, and off-board heat management.



ALTAIR | LSA

Architectural LED Direct/Indirect Linear

NICOR's Altair Architectural LED Direct/Indirect Linear is a stylish six-foot fixture designed for individual units or continuous runs in commercial and architectural interiors. Delivering over 134 lumens per watt, Altair provides 90% direct and 10% indirect lighting and achieves a full range of dimming from 0-10 volts, enabling the flexibility to create the ideal ambiance for a variety of environments and applications. The Altair's highly reflective optical chamber and diffused polycarbonate lens provide wide, direct light distribution while three windows in the extruded aluminum body offer uplight with a single piece diffuser for soft distribution. Installation is easy with three different mountings available – surface, pendant, and aircraft cable. Altair is available in on-board driver or remote PoE driver configurations.

- · One 6ft piece extruded aluminum housing with solid endcaps
- Available with integrated driver or Remote PoE Power System configurations
- Designed for individual units or continuous runs
- Fixture design provides 90% direct / 10% indirect light output
- · Remote Power fixture provided with two RJ-45 connector ports
- 3500K, 4000K, and 5000K CCTs
- 120-277VAC
- 0-10VDC dimming
- 10kA surge protection standard
- Available in white powder coat standard with silver or custom powder coat options
- · Easy surface mount, pendant, or aircraft cable installation
- · Motion sensor options









INTEGRAL

- On-board LED driver
- Standard line voltage wiring
- · Easy one-to-one replacement









3500K 6830Lm 4000K 7099Lm 5000K 7369Lm

50.8W

139.6 144.9

134.3

PoE

- · Remote power supply using Lighting Control Unit
- Low voltage DC power carried over CAT6 cable
- · Lower system installation costs
- · Easier system maintenance









3500K

5000K

4000K

7315Lm 7608Lm 7827Lm

Wattage based on I CU performance

Greater than 130Lm/W

NOTE: NICOR PoE does not carry data between fixtures and power supply.



ALTAIR | LSA

Accessories

Power feed kits conveniently provide power to fixtures while supplying suspension cable assembly for fixture support in one installation.



Pendant Mount includes swivel kit; recommended for uneven ceilings

Non power feed kits provide fixture support with suspension cable assembly.

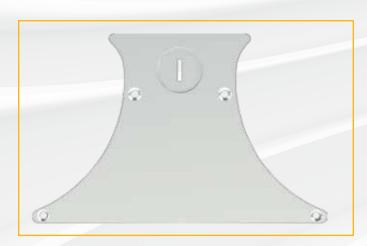


Best used in office ceilings for a professional look with suspended lighting; easy snap-in installation with spring clip



LSA Continuous Run Spring Clip

Provides suspension points and maintains fixture alignment when used for continuous runs; easy snap-on installation clip



LSA Endcap with Knockout & EVA

Provides power to fixture for surface mount and continuous run applications; motion sensors can be installed with knockout hole



LCU POE Remote Power Box

Control box that provides remote AC/DC conversion; converts 120-277AC input power to low voltage for DC distribution

OBERON LSQ

LED Direct Linear

A single-piece diffuser gives the Oberon Architectural LED Direct Linear its clean, modern appearance. A clear, satin finish on its one-piece extruded aluminum housing and solid endcaps complete the seamless design. The Oberon provides wide light distribution with a highly reflective optical chamber and diffused lens, making it ideal for commercial, retail, educational, or healthcare applications where individual units or continuous runs are desired. The luminaire is available with multiple installation options using an integral mounting rail. Oberon is available in 4-foot or 8-foot lengths in either on-board or remote PoE driver configurations. White or custom powder coat options are also available.

- · 4ft or 8ft extruded aluminum housing with solid endcaps
- · Designed for individual units or continuous runs
- · Available with integrated driver or Remote PoE Power System configurations
- · Remote Power fixture provided with two RJ-45 connector ports
- 3500K, 4000K and 5000K CCTs
- 120-277VAC
- 0-10 VDC dimming
- · 10kA surge protection
- · Available in satin finish standard with white or custom powder coat available
- Easy surface mount, pendant, or aircraft cable installation
- · Motion sensor options









INTEGRAL

- On-board LED driver
- Standard line voltage wiring
- Easy one-to-one replacement

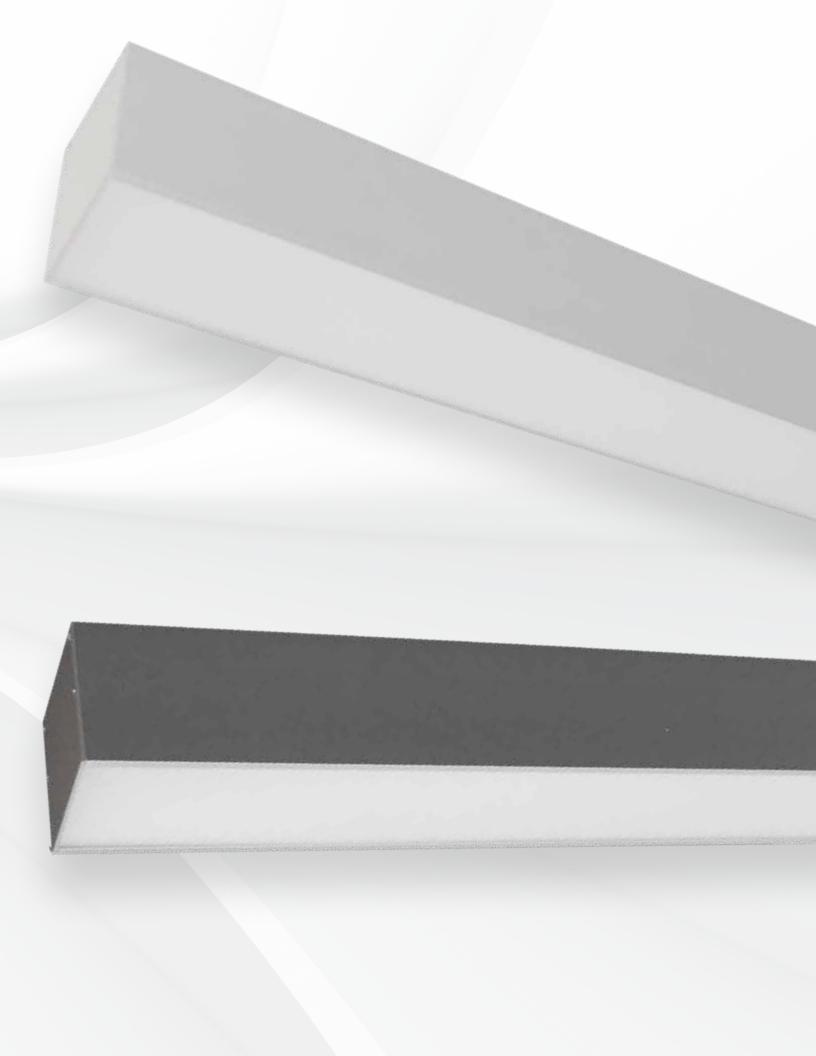
(III)			Lm/W
	4ft Fix	xture	
3500K	3343Lm		130.1
4000K	3335Lm	25.7W	129.8
5000K	3328Lm		129.5
	8ft Fix	xture	
3500K	6410Lm		125.4
4000K	6483Lm	51.1W	126.9
5000K	6556Lm		128.3

PoE

- · Remote power supply using Lighting Control Unit
- · Low voltage DC power carried over CAT6 cable
- · Lower system installation costs
- Easier system maintenance

			Lm/W	
	4ft F	ixture		
3500K	3300Lm	Wattage	Greater	
4000K	3431Lm	based on LCU performance	than	
5000K	3531Lm		130Lm/W	
8ft Fixture				
3500K	6434Lm	based on LCU	Greater	
4000K	6691Lm		than	
5000K	6886Lm		130Lm/W	

NOTE: NICOR PoE does not carry data between fixtures and power supply.



OBERON LSQ

Accessories

Power feed kits conveniently provide power to fixtures while supplying suspension cable assembly for fixture support in one installation.



Pendant Mount includes swivel kit; recommended for uneven ceilings

Non power feed kits provide fixture support with suspension cable assembly.

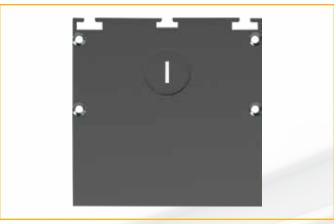


Best used in office ceilings for a professional look with suspended lighting; easy snap-in installation with spring clip



LSQ Continuous Run Bracket

Provides suspension points and maintains fixture alignment when used for continuous runs



LSQ Endcap with Knockout & EVA

Provides power to fixture for surface mount and continuous run applications; motion sensors can be installed with knockout hole



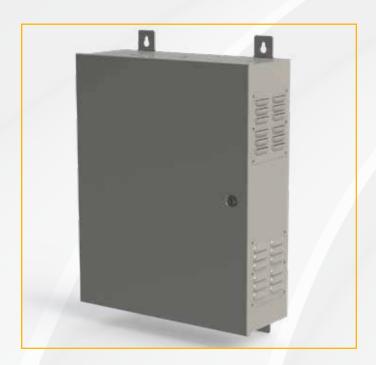
LSQ Wall Mount Bracket

Bracket allows easy fixture-to-wall installation



LSQ Surface Mount Kit

Allows easy installation of fixture to a surface with a single, two-part mounting



LCU POE Remote Power Box

Control box provides remote AC/DC conversion; converts 120-277AC input power to low voltage for DC distribution

ELARA | LSE

LED Direct/Indirect Linear

The Elara Architectural LED Direct/Indirect Linear is an edge lit luminaire designed for individual units or continuous runs in commercial indoor applications. The elegant fixture achieves a polished, modern appearance with its white powder-coated, 20-gauge aluminum housing and fully-welded seams. Silver or custom powder coat options are also available. Elara's acrylic light guide with laser etched patterns enables a variety of light distributions to suit your application, and a 50/50 distribution comes standard. The fixture is easily suspended using four mount points for y-cable, and includes two y-cables with canopy covers. Elara is available in 4-foot or 8-foot lengths in either on-board or remote PoE driver configurations.

- · 4ft or 8ft lengths formed from 20 gauge aluminum
- · Designed for individual units or continuous runs
- · Available with integrated driver or Remote PoE Power System configurations
- Fixture design provides 50% direct / 50% indirect light output standard
- Available in 80/20 and 20/80 distributions
- · Remote Power fixture provided with two RJ-45 connector ports
- 3500K, 4000K, and 5000K CCTs
- 120-277VAC
- 0-10VDC dimming
- · 10kA surge protection
- Available in white finish standard with silver or custom powder coat options
- Four mount point for y-cable suspended mounting, pendant, and surface mount









INTEGRAL

- · On-board LED driver
- Standard line voltage wiring
- Easy one-to-one replacement

		M	Lm/W
	4ft Fi	xture	
3500K	4413Lm		108.5
4000K	4501Lm	40.7W	110.7
5000K	4594Lm		113.0
	8ft Fi	xture	
3500K	8738Lm		107.4
4000K	8911Lm	81.3W	109.6
5000K	9096Lm		111.8

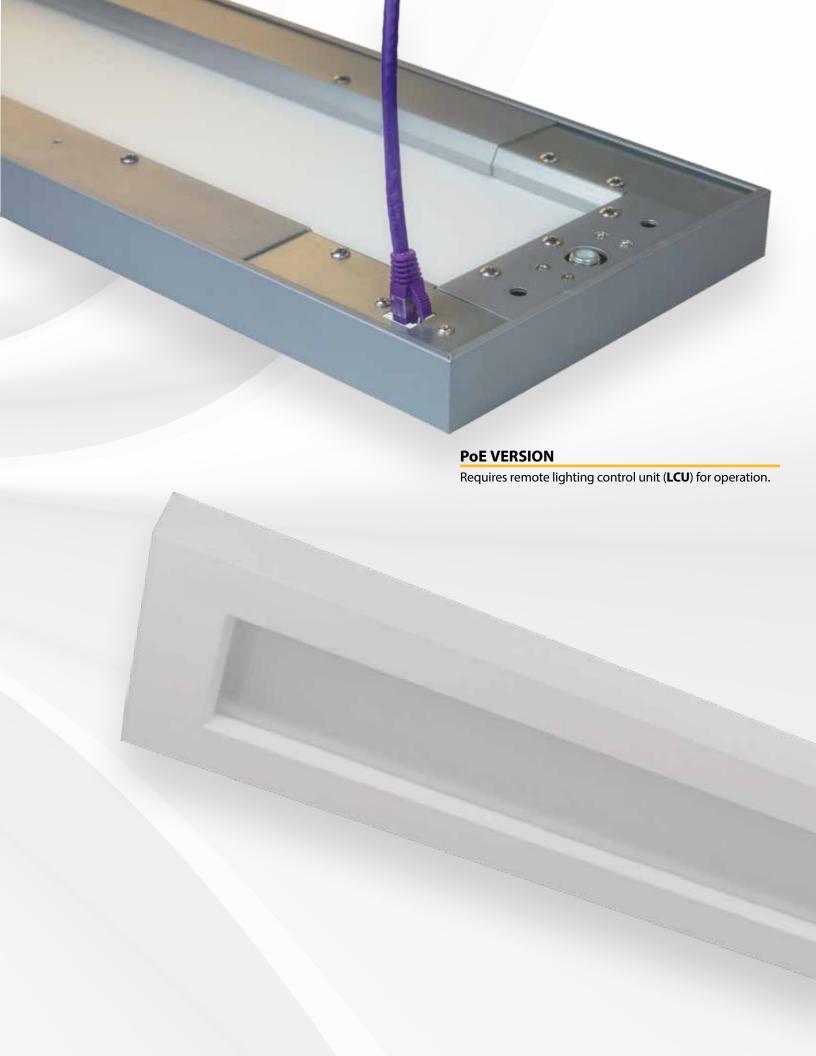
at 50/50 distribution

PoF

- Remote power supply using Lighting Control Unit
- Low voltage DC power carried over CAT6 cable
- · Lower system installation costs
- · Easier system maintenance

			Lm/W		
	4ft Fi	xture			
3500K	4253Lm	Wattage	Greater		
4000K	4423Lm	based on LCU performance	than		
5000K	4550Lm		105Lm/W		
8ft Fixture					
3500K	8526Lm	Wattage based on LCU performance	Greater		
4000K	8867Lm		than 105Lm/W		
5000K	7235Lm		IUSLITI/W		

NOTE: NICOR PoE does not carry data between fixtures and power supply.



ELARA LSE

Accessories

Power feed kits conveniently provide power to fixtures while supplying suspension cable assembly for fixture support in one installation.



Pendant Mount includes swivel kit; recommended for uneven ceilings

Non power feed kits provide fixture support with suspension cable assembly.



Best used in office ceilings for a professional look with suspended lighting; easy snap-in installation with spring clip



LSE Wall Mount Bracket

Bracket allows easy fixture-to-wall installation



LSE Continuous Run Bracket

Three piece kit provides suspension points and maintains fixture alignment when used for continuous runs



LCU POE Remote Power Box

Control box that provides remote AC/DC conversion; converts 120-277AC input power to low voltage for DC distribution

LCU

Lighting Control Unit

The LCU Lighting Control Unit provides remote AC to DC power conversion, converting 120-277VAC input power to low voltage DC, which enables reliable distribution to NICOR's Remote Power over Ethernet PoE LED luminaires. The LCU enables simple, cost-effective lighting installations and reduces the need for thermal management at the fixture. The LCU provides individual power and programmable drive current for as many as 14 LED drivers.

- NEMA 1 enclosure fabricated from 14 gauge steel with louvered back and side panels
- (14) RJ45 ports for CAT6 cable
- One 2" knockout for CAT6 cable
- Three ¾" knockouts for conduit fittings
- 54W and 75W
- 120-277VAC
- · Requires dedicated emergency input
- 0-10 VDC dimming
- · ANSI 61 gray polyester powder coat finish
- · Easy surface mount installation
- · 40kA surge protection
- (14) class 2 Philips Xitanium LED drivers
- 150 foot max remote distance
- 630W max normal power; 252W max emergency power
- 30"H x 24"W x 8"D; 105lbs
- UL2108 Listed (low voltage lighting systems)
- UL924 Listed (emergency lighting control panel, class 2 POE)





Altair - LSA | Architectural LED Direct/Indirect Linear

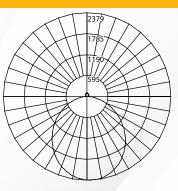
Photometric Data

LSA 3500K

Input Voltage (VAC)	120-277
System Level Power (W)	50.8
Delivered Lumens (Lm)	6830
System Efficacy (Lm/W)	134.3
Correlated Color Temp (K)	3421
Color Rendering Index (CRI)	81
Beam Angle (0°)	101.4
Beam Angle (90°)	105.1
Spacing Criteria (0°)	1.18
Spacing Criteria (90°)	1.26

Remote Driver Scalar

LSA-1-6-R 1.098



Intensity Summary (Candle Power)

Angle	0° Along	90° Across
0	2376	2376
15	2226	2299
30	1843	1999
45	1338	1529
60	993	976
75	666	422
90	176	0
105	127	23
120	171	42
135	196	60
150	192	83
165	118	98
180	66	66

CCT Data Multiplier

LSA-1-6-I-U-40 1.039 LSA-1-6-I-U-50 1.079

Cone of Light Tabulation					
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)			
4	148.5	4.8			
6	66.0	7.1			
8	37.1	9.4			
10	23.8	11.8			
12	16.5	14.1			
14	12.1	16.6			
16	9.3	18.8			

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1694	24.8%
0-40	2725	39.9%
0-60	4658	68.2%
0-90	6140	89.9%
90-180	690	10.1%
0-180	6830	100.0%

Oberon - LSQ | LED Direct Linear

Photometric Data

LSQ 3500K

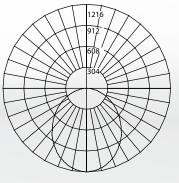
Inp	ut Voltage (VAC)	120-277
Syst	tem Level Power (W)	25.7
Del	ivered Lumens (Lm)	3343
Syst	tem Efficacy (Lm/W)	130.1
Cor	related Color Temp (K)	3414
Colo	or Rendering Index (CRI)	83
Bea	m Angle (0°)	103.6°
Bea	m Angle (90°)	100.3°
Spa	cing Criteria (0°)	1.20
Spa	cing Criteria (90°)	1.18

Remote Driver Scalar

LSQ-1-#-R 0.987

Length Multiplier

8 Foot 1.9



Intensity Summary (Candle Power)

Angle	0° Along	90° Across
0	1216	1216
5	1209	1211
15	1143	1156
25	1026	1054
35	870	911
45	697	745
55	520	564
65	345	379
75	182	203
85	46	55
90	0	0

CCT Data Multiplier

LSQ-1-4-U-40 0.998 LSQ-1-4-U-50 0.996

Cone of	استاك	oë Tala	محنفجان
Cone of		it labi	ulation

4 76.0 10.4	
6 33.8 15.7	
8 19.0 20.9	
10 12.2 26.1	
12 7.3 31.2	
14 3.6 36.5	
16 2.1 41.7	

Zonal Lumen Summary

Zone	Lumens	% of Luminaire		
0-30	981	29.3%		
0-40	1576	47.1%		
0-60	2686	80.4%		
0-90	3343	100.0%		
90-180	0	0.0%		
0-180	3343	100.0%		

Elara - LSE | LED Direct/Indirect Linear

Photometric Data

LSE 50/50 3500K

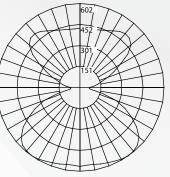
Input Voltage (VAC)	120-277
System Level Power (W)	40.7
Delivered Lumens (Lm)	4413
System Efficacy (Lm/W)	108.5
Correlated Color Temp (K)	3406
Color Rendering Index (CRI)	85
Beam Angle	139.5°
Spacing Criteria	1.49

Remote Driver Scalar

LSE-1-#-#-U-##-W-R 0.981



8 Foot 2.005



Intensity Summary (Candle Power)

Angle	0° Along	90° Across
0	532	532
5	535	535
15	535	555
25	532	581
35	522	600
45	491	595
55	429	540
65	329	420
75	190	243
85	46	17
90	4	3

CCT Data Multiplier

LSE-1-4-2-U-40 1.040 LSE-1-4-2-U-50 1.070

_			
Cone o	אוול	ht la	tion
COHEO	т Бімі		илон

4 33.3 6.4	Ream Width	Footcand Beam Ce	Mounted height (Feet)	
	3.3 6.4	33.3	4	
6 14.8 9.6	4.8 9.6	14.8	6	
8 8.3 12.8	3.3 12.8	8.3	8	
10 5.3 16.0	5.3 16.0	5.3	10	
12 3.7 19.2	3.7 19.2	3.7	12	
14 2.7 22.4	2.7 22.4	2.7	14	
16 2.1 25.6	2.1 25.6	2.1	16	4

Zonai Lumen Summary

Zone	Lumens	% of Luminaire
0-30	444	10.50
0-40	781	18.50
0-60	1595	37.70
0-90	2210	52.30
90-180	2017	47.70
0-180	4413	100.00

ORDERING INFORMATION

LSA ALTAIR Ordering Information								
Series	Version	Length	Light Pattern	Input Voltage	ССТ	Finish Color	Driver Configuration	Mounting
LSA	1 (Version 1)	6 (Foot)	I (Direct/Indirect)	U (120-277)	35 (3500 K)	W (White)	I (Integral)	S (Surface)
					40 (4000 K)	S (Silver)*	R (Remote)**	P (Pendant)
					50 (5000 K)	C (Custom)*		

^{*} Only available as special order. Contact NICOR for more info.

LCU Ordering Information

Required for (R) remote driver configuration

LCU Remote Power System for LSA6

LCU1UNV54LSA6

Additional Accessories

LSA, LSE, LSQ Pendant Mount Non Power Feed, 48" Length LSALSELSQ1PENDANT LSA, LSE, LSQ Pendant Mount Power Feed, 48" Length LSALSELSQ1PENDANTPF LSA, LSE, LSQ Remote Pendant Mount Power Feed, 48" Length LSALSELSQ1PENDANTRPF LSA Continuous Run Spring Clip LSA-1-CR-CLIP LSA-1-ENDCAPKIT* LSA Endcap W/Knockout & EVA LSA Aircraft Cable Kit Non Power Feed, 150" Length LSA-1-CABLE LSA-1-CABLE-PF LSA Aircraft Cable Kit Power Feed, 150" Length LSA Remote Aircraft Cable Kit Power Feed, 150" Length LSA-1-CABLE-R-PF LSA Surface Mount Kit Power Feed LSA-1-SURFACE-PF

LSQ OBERON Ordering Information								
Series	Version	Length	Input Voltage	ССТ	Finish Color	Driver Configuration	Motion Sensor	Mounting
LSQ	1 (Version 1)	4 (Foot)	U (120-277)	35 (3500 K)	S (Satin Clear)	I (Integral)	M (Motion Sensor)***	W (Wall Mount)
		8 (Foot)		40 (4000 K)	W (White)*	R (Remote)**		P (Pendant)
				50 (5000 K)	C (Custom)*			S (Surface)
								C (Cable)

^{*} Only available as special order. Contact NICOR for more info.

LCU Ordering Information

^{***} Motion Sensor only available on integral version

Required for (R) remote driver configuration	
LCU Remote Power System for LSQ4	LCU1UNV54LSQ4
LCU Remote Power System for LSQ8	LCU1UNV54LSQ8

Additional Accessories

LSA, LSE, LSQ Pendant Mount Non Power Feed, 48" Length	LSALSELSQ1PENDANT
LSA, LSE, LSQ Pendant Mount Power Feed, 48" Length	LSALSELSQ1PENDANTPF
LSA, LSE, LSQ Remote Pendant Mount Power Feed, 48" Length	LSALSELSQ1PENDANTRPF
LSQ Wall Mount Bracket	LSQ-1-WALL
LSE, LSQ Wall Mount Kit Power Feed	LSELSQ-1-WALL-PF
LSQ Aircraft Cable Kit Non Power Feed, 150" Length	LSQ-1-CABLE
LSQ Aircraft Cable Kit Power Feed, 150" Length	LSQ-1-CABLE-PF
LSQ Surface/Ceiling Mount Bracket	LSQ-1-SURFACE
LSQ Continuous Run Bracket	LSQ-1-CR-BRACKET
LSQ Endcap W/Knockout & EVA	LSQ-1-ENDCAPKIT*
LSQ Remote Aircraft Cable Kit Power Feed, 150" Length	LSQ-1-CABLE-R-PF

^{*}Endcap Kit is required for continuous run installations.

^{**} Remote configuration requires installation of the Remote Power System LCU1UNV54LSA6

^{*}Endcap Kit is required for motion sensor

^{**} Remote configuration requires installation of the Remote Power System LCU1UNV54LSQ4 or LCU1UNV54LSQ8

LSE ELARA Ordering Information									
Series	Version	Length	Light Pattern	Input Voltage	ССТ	Finish Color	Driver Configuration	Mounting	
LSE	1 (Version 1)	4 (Foot)	2 (20 Up/80 Down)	U (120-277)	35 (3500 K)	W (White)	I (Integral)	C (Cable)	
		8 (Foot)	5 (50 Up/50 Down)		40 (4000 K)	S (Silver)*	R (Remote)**	P (Pendant)	
			8 (80 Up/20 Down)		50 (5000 K)	C (Custom)*		W (Wall Mount)	

LCU Ordering Information *Required for (R) remote driver configuration*

LCU Remote Power System for LSE4 LCU1UNV54LSE4 LCU Remote Power System for LSE8 LCU1UNV75LSE8

Additional Accessories

LSA, LSE, LSQ Pendant Mount Non Power Feed, 48" Length

LSA, LSE, LSQ Pendant Mount Power Feed, 48" Length LSALSELSQ1PENDANTPF LSA, LSE, LSQ Remote Pendant Mount Non Power Feed, 48" Length LSALSELSQ1PENDANTRPF LSE Wall Mount Bracket LSE-1-WALL* LSE, LSQ Wall Mount Kit Power Feed LSELSQ-1-WALL-PF

LSALSELSQ1PENDANT

LSE-1-CR-BRACKET

LSE Aircraft Cable Kit Non Power Feed, 150" Length LSE-1-CABLE LSE Aircraft Cable Kit Power Feed, 150" Length LSE-1-CABLE-PF LSE Remote Aircraft Cable Kit Power Feed, 150" Length LSE-1-CABLE-R-PF

LSE Continuous Run Bracket *Only available with 4ft fixture

^{*} Only available as special order. Contact NICOR for more info.

** Remote configuration requires installation of the Remote Power System LCU1UNV54LSE4 (4' only) & LCU1UNV75LSE8 (8' only)

Warehouse Locations

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