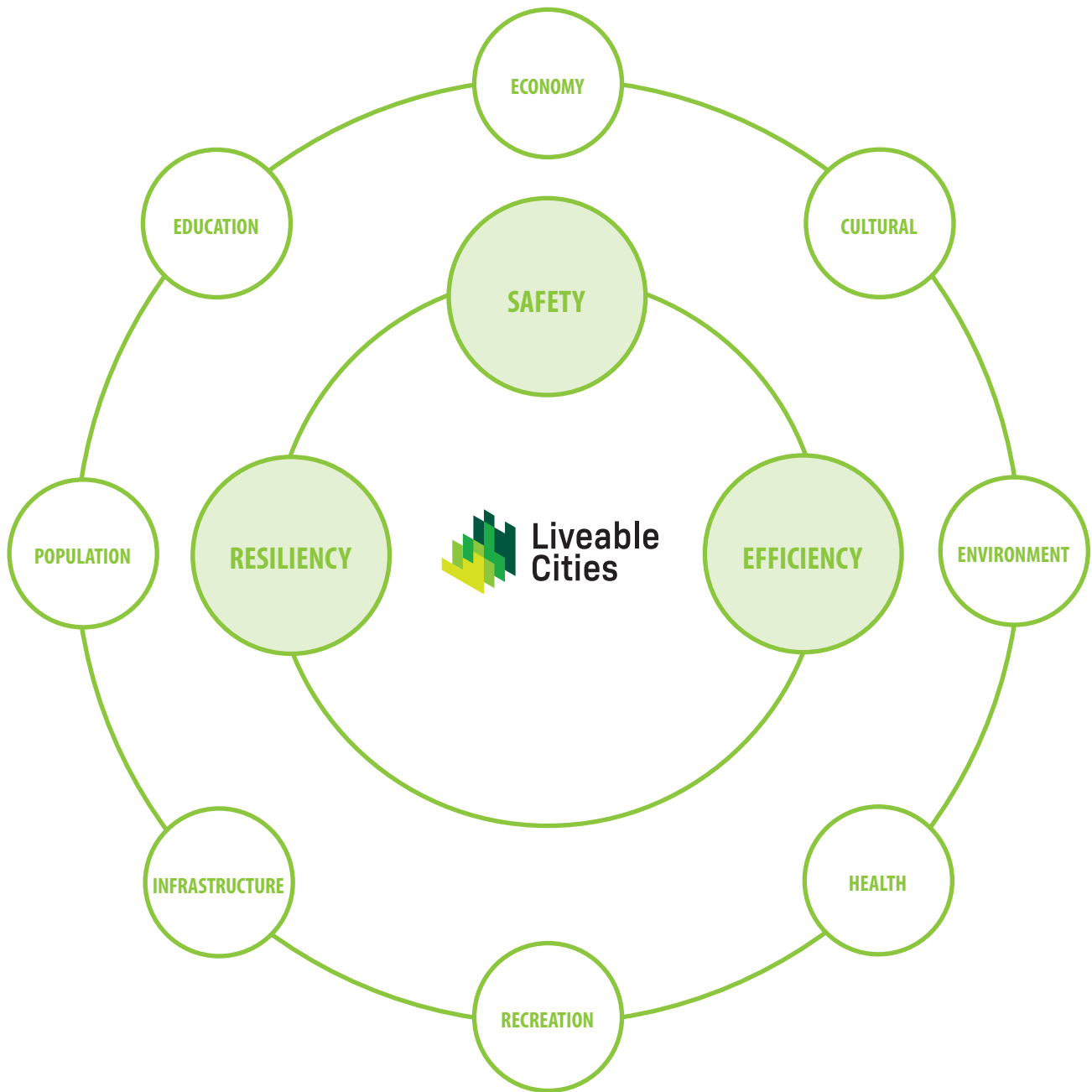




**Liveable
Cities**

SAFE, EFFICIENT, RESILIENT CITIES.





THE PACKAGE





1. SOFTWARE



ABSOLUTE
CONTROL



INTUITIVE USER
INTERFACE



AUTOMATIC
FAILURE REPORTS



ACCURATE DATA
ON-DEMAND



MAP-BASED
VISUALIZATIONS



RELIABILITY
AND SECURITY



CUSTOMIZABLE
REPORTS



MAINTENANCE
ROUTING



HEAT
MAPS



AUTOMATION
+ ANALYTICS



ROBUST
API



TALQ
2

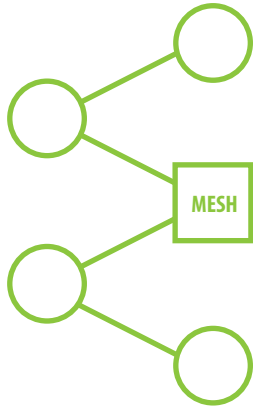
SMARTLINX



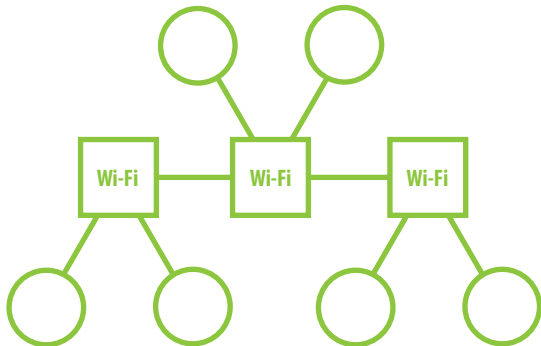
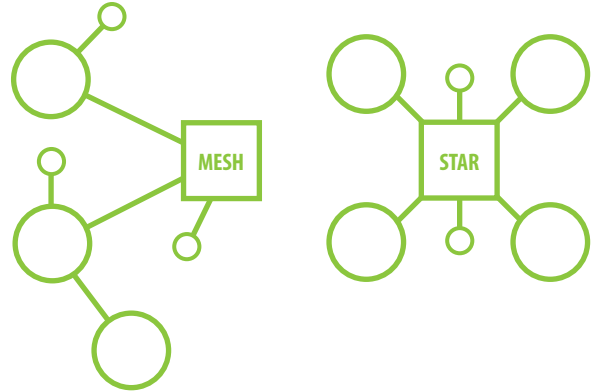
2. COMMUNICATIONS



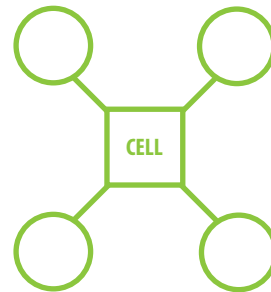
LIGHTING + SENSOR NETWORK



SMART METER + LIGHTING NETWORK

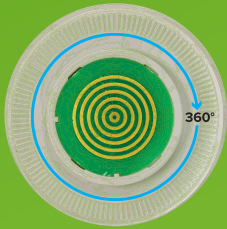


Wi-Fi NETWORK



STAND-ALONE SENSOR NETWORK

3. SENSORS



Directional sensor pods
can be rotated 360°



NEMA
Receptacle

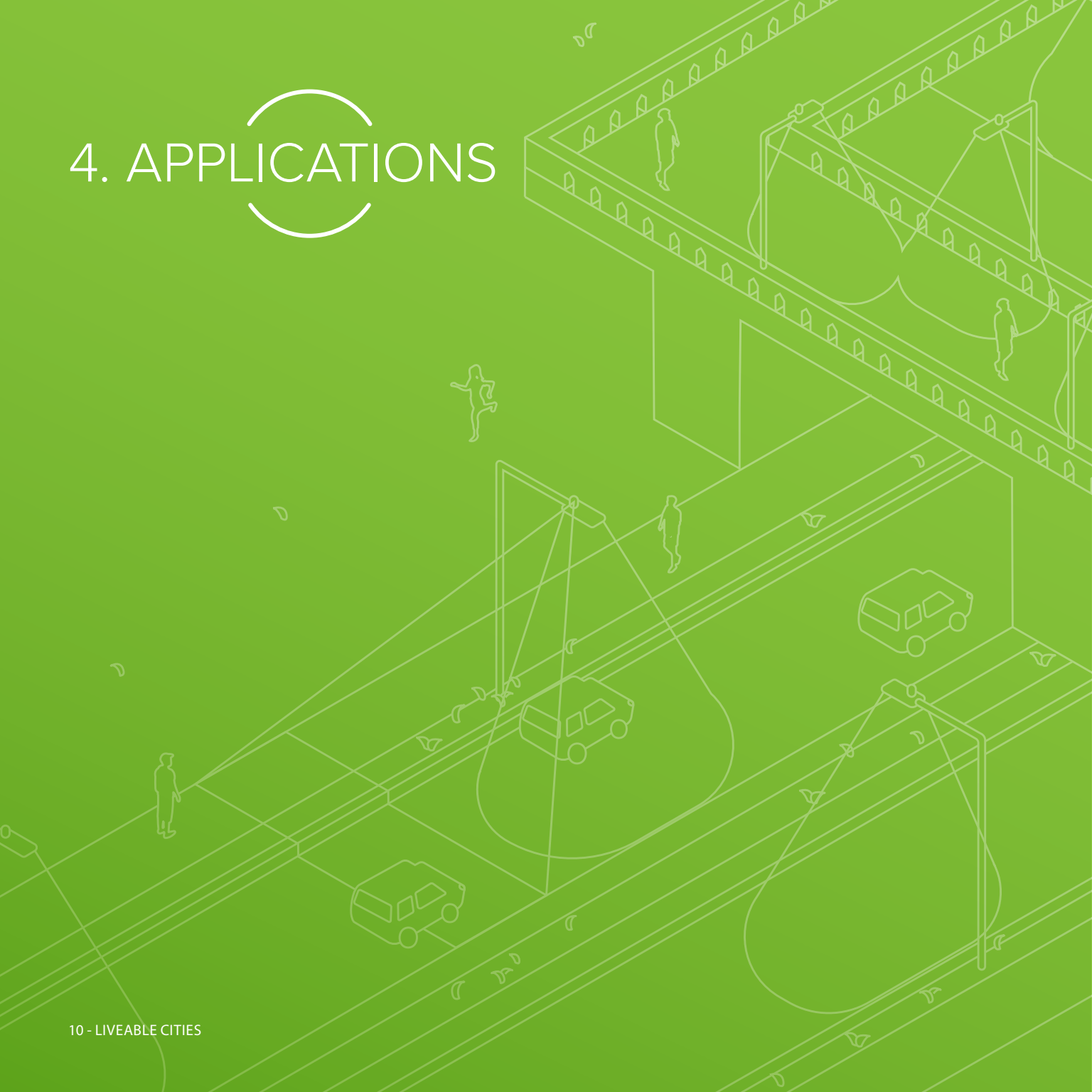


7-Pin NEMA
Controller

+
3RD PARTY
SENSORS



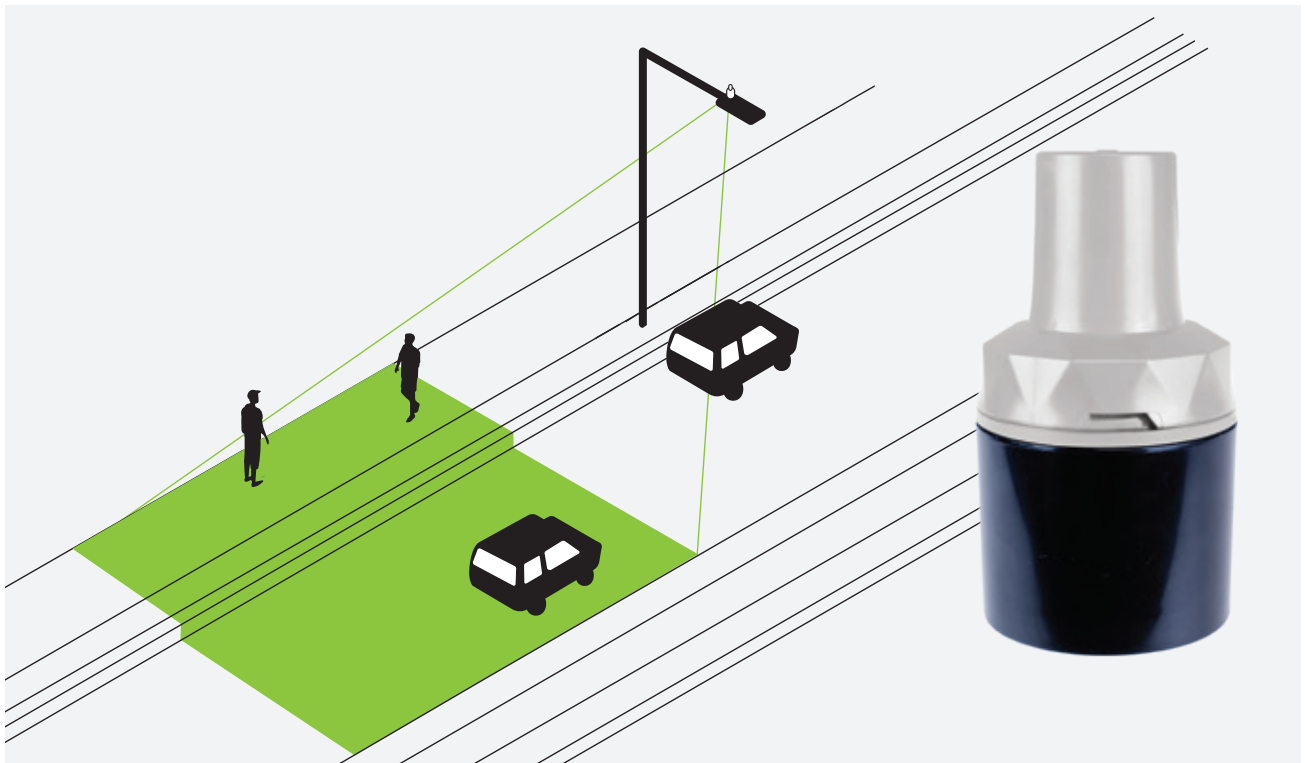
4. APPLICATIONS



TRAFFIC COUNTING

Dramatically reduce the cost of fixed position traffic counting.

- On-demand traffic study data
- Long-term traffic trend analysis for road maintenance planning
- Adaptive lighting planning/scheduling based on in-field traffic measurements



SPEED MAPPING

Continuous speed mapping of your city.

- Eliminate the need to roll assets to collect speed data
- Create data based public safety initiatives
- Generate reports for Councilors for neighborhood complaints

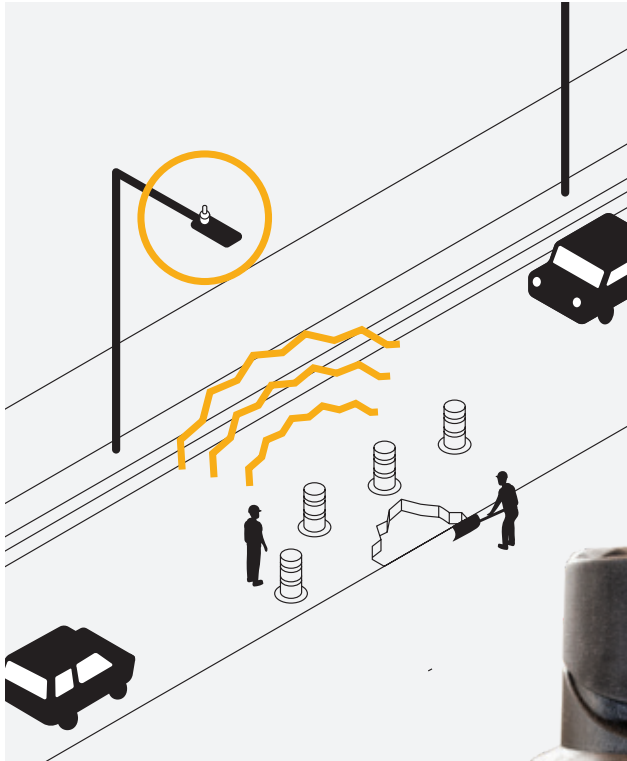
TRAFFIC FLOW ANALYSIS

Provides 24/7 measurement of traffic flow/speed.

- Track traffic flow by 85th percentile accuracy
- Long-term traffic trend analysis
- Create custom alerts for real time notifications

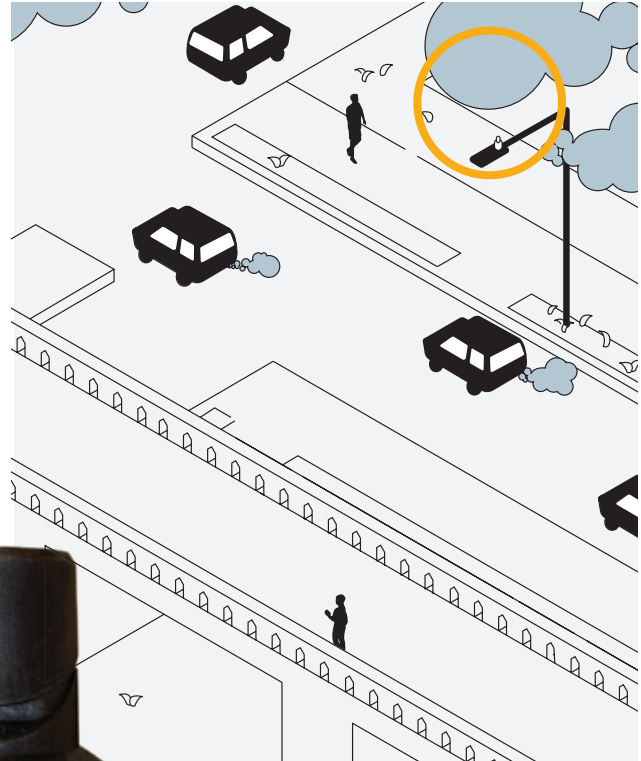
ACOUSTIC SENSING

The sensor can collect acoustic data and report results based on a threshold basis.



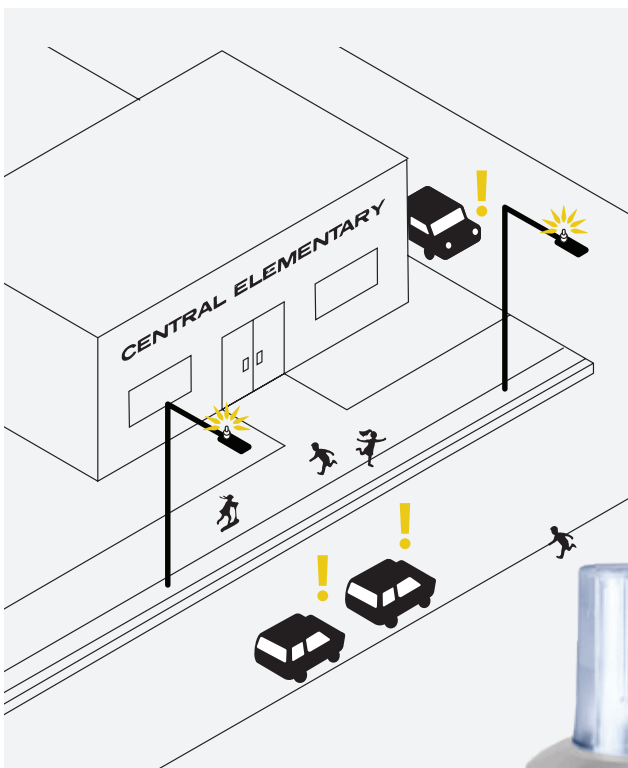
POLLUTION SENSING

The sensor can collect data for CO₂, O₃, O₂, NO_x, and others.



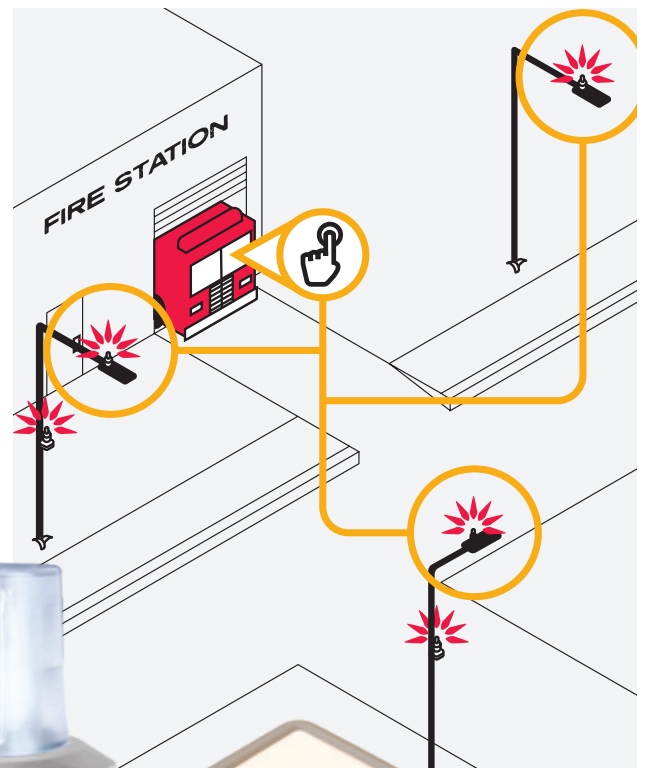
SCHOOL ZONE ALERT

School zone flashers can be scheduled to operate on weekdays only, during specified times.



EMERGENCY VEHICLE ALERT

The response time to an emergency is crucial. EVA flashers can gain valuable seconds en route to an emergency scene.



5. STREET LIGHTING

A white line-art illustration of a person's profile, facing left, with numerous thin lines radiating from their head, suggesting light or thought. The illustration is centered on a green background that features a faint, overlapping grid pattern of white lines.



A state of the art luminaire which integrates high-end lighting capabilities with the latest adaptive controls and sensing capabilities, in one system.

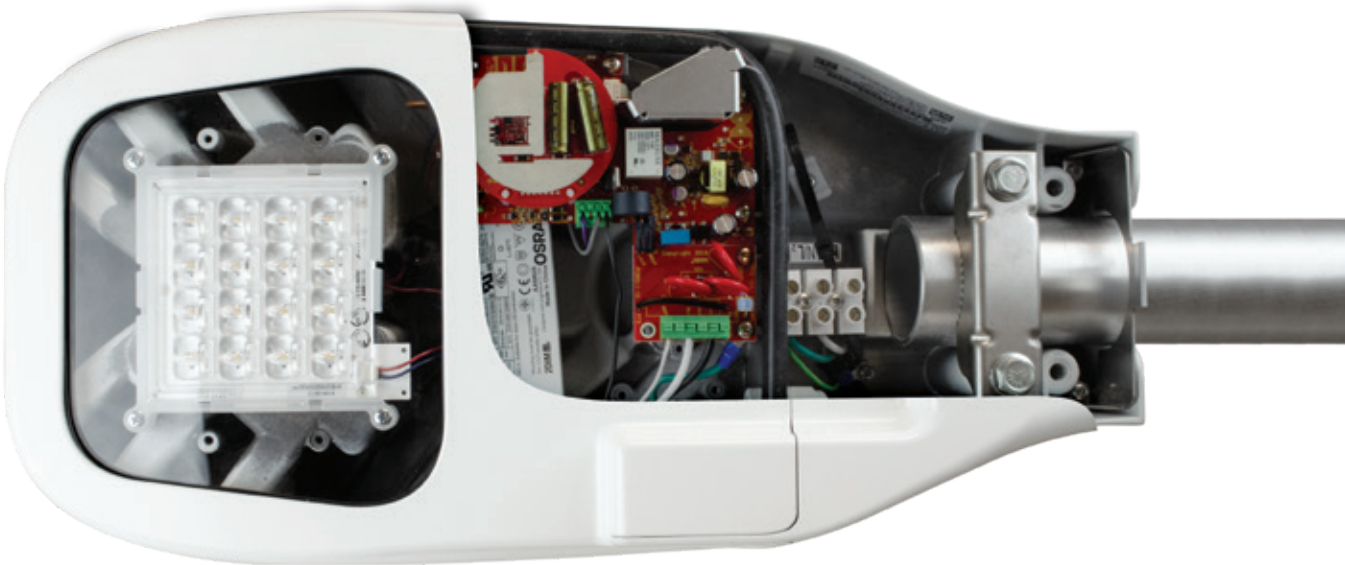
SLiQ provides out of the box performance in three configurations to match your project needs:

- B. Basic
- C. Controls
- D. Data

- 16 LEDs
- Small body luminaire
- A wide range of drive currents
- 4000K (Standard), 3000K & 5000K (Optional) CCT



	B Series	C Series	D Series
0-10V or DALI	✓	✓	✓
Flat Glass	✓	✓	✓
20+ Light Distributions	✓	✓	✓
SOLID/NEMA/ZHAGA	✓	✓	✓
+/- 10 degrees tilt standard	✓	✓	✓
Vertical/Horizontal Mount option	✓	✓	✓
Internal Wireless Controls		✓	✓
1% energy measurement		✓	✓
Paired Single Asset ID in CMS		✓	✓
Power Based Dimming		✓	✓
Internal Ambient Light Sensing		✓	✓
Internal GPS asset locating		✓	✓
Integrated Traffic Counter			✓
Traffic Based Lighting Analysis			✓
Motion/Presence Based Lighting			✓
Integrated Speed Profiling			✓
Targeted Enforcement Analytics			✓



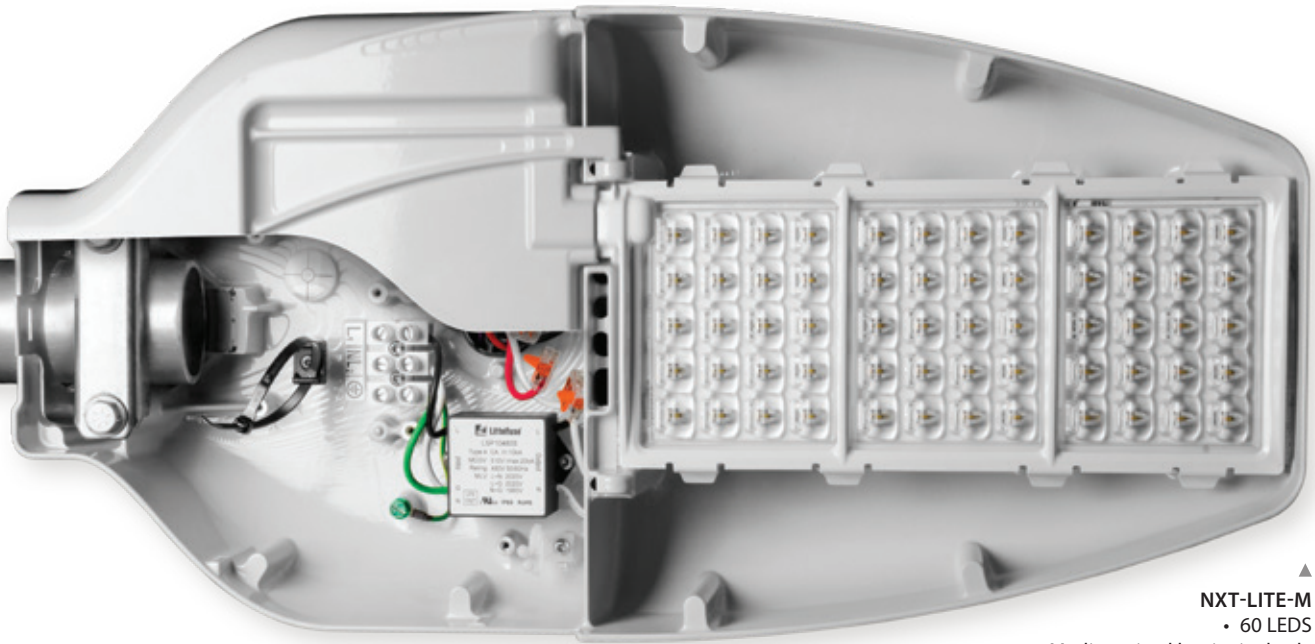
NXT^{LITE}

NXT-Lite incorporates award-winning performance, reliability, and future-proofing features that utilities and municipalities have come to expect at a competitive price. NXT-Lite is utility-friendly and designed for roadway applications requiring up to a 400W high pressure sodium replacement.



NXT-LITE-S

- 8, 16 LEDs
- Small sized luminaire body
- 300 - 1050 mA drive currents
- 4000K CCT (Standard)
- 3000K CCT (Optional)
- Small form factor design for ease of installation



NXT-LITE-M

- 60 LEDs

- Medium sized luminaire body
- 300 - 950 mA Drive Currents
 - 4000K CCT (Standard)
 - 3000K CCT (Optional)
- Small form factor design for ease of installation

NXT™

NXT gives the right amount of light right where you need it. Available in a number of distributions with low glare, and high color contrast. NXT provides high-end street lighting at lower energy costs.



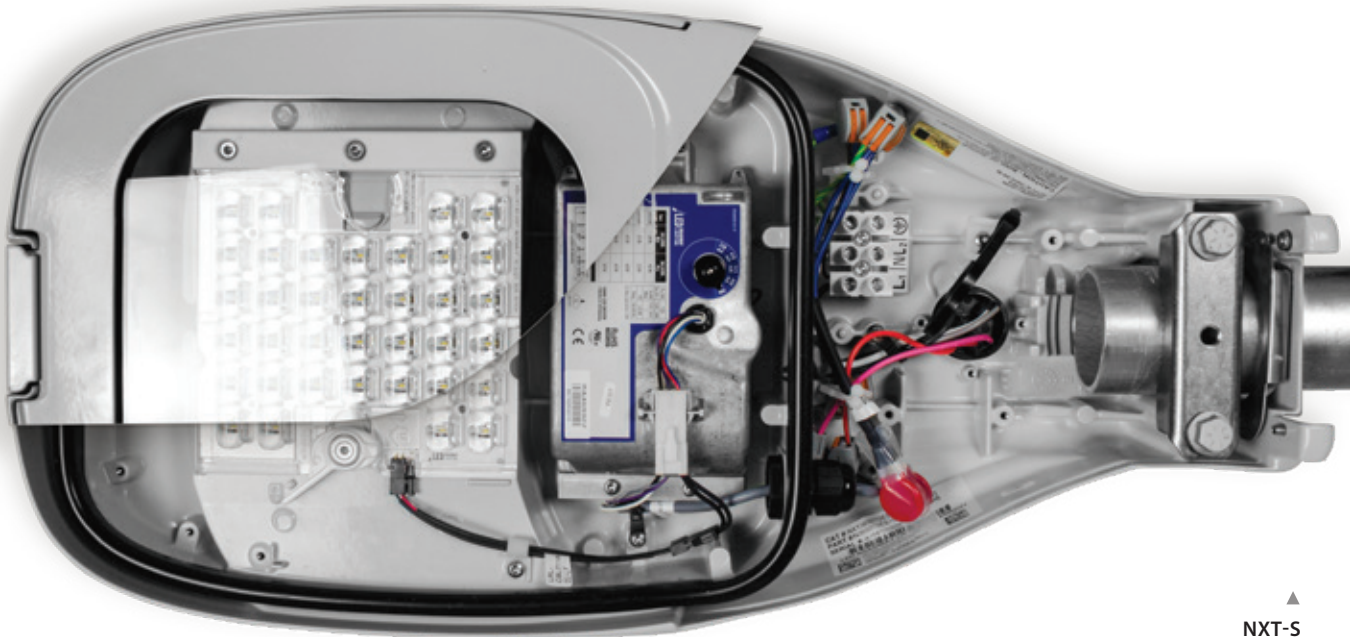
NXT-C

- 12 LEDs
- Compact sized luminaire body
- 525 - 1250 mA drive currents
- 4000K CCT (Standard)
- 3000K & 5000K CCT (Optional)



NXT-M

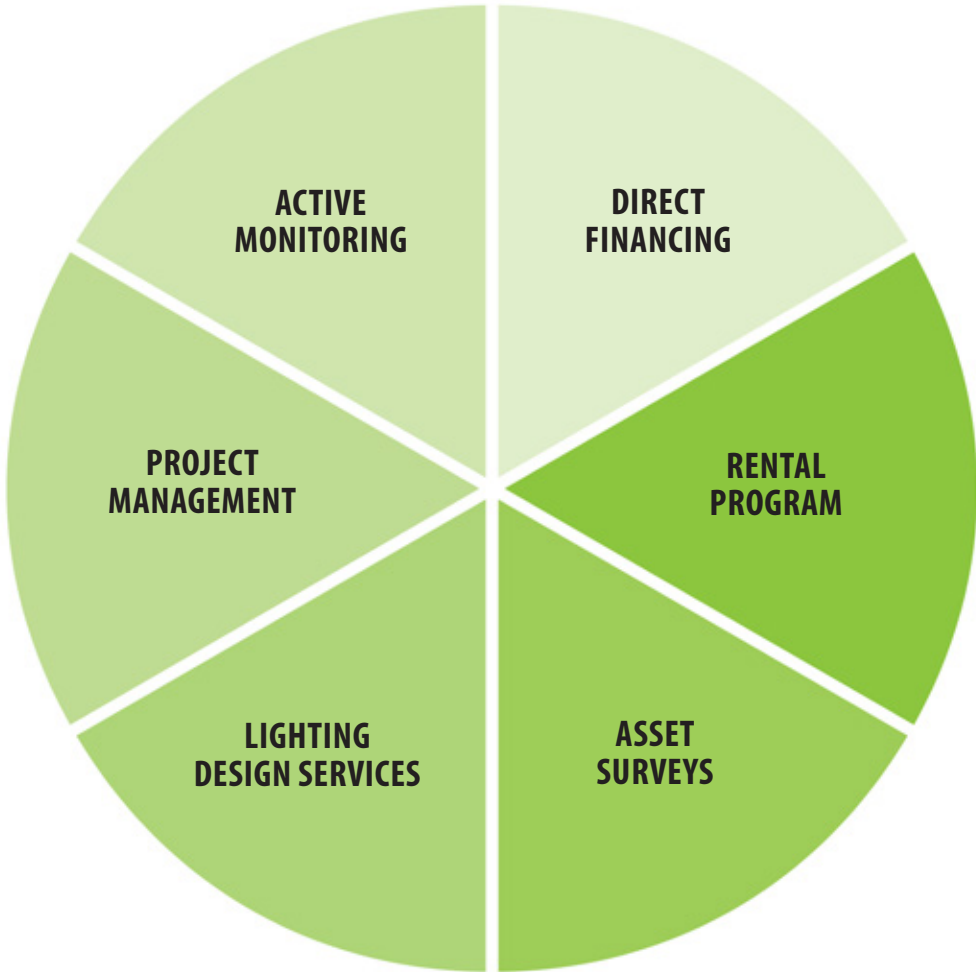
- 48, 60, 72 LEDs
- Medium sized luminaire body
- 350 - 700 mA drive currents
- 4000K CCT (Standard)
- 3000K & 5000K CCT (Optional)



NXT-S

- 12, 24, 36 LEDs
- Small sized luminaire body
- 350 - 700 mA drive currents
 - 4000K CCT (Standard)
- 3000K & 5000K CCT (Optional)

6. SERVICES



PARTNERS







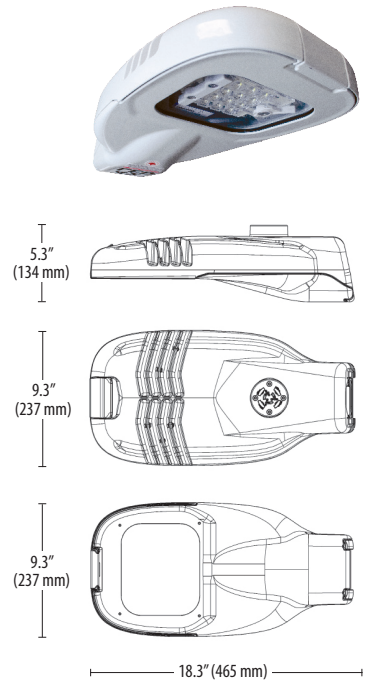
www.liveablecities.com

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NXT™ SERIES

NXT-C SPECIFICATIONS

Housing:	Single piece, die-cast A360 premium aluminum alloy with <0.6% copper content
Operating Temperature:	-40 °C to +40° C (-40 °F to +104 °F) ¹
Mounting:	1.625" - 2.375" (42 - 60 mm) O.D. Tenons
Mounting Methods:	Horizontal Entry or Post-Top Mount
Weight:	12 lbs (5.4 kg)
EPA Rating:	<0.34 ft ² (< 0.032 m ²)
Lens Material:	IK09 Rated Glass
Ingress Protection:	Power Supply and optical module are located inside chamber rated IP66 per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations.
Finish:	Durable polyester powdercoat topcoat



Available Colors:

GREY (RAL 7035)

BRONZE (RAL 7022)

BLACK (RAL 9005)



NXT-C (12 LEDs)						
ELECTRICAL						
Drive Currents (mA)	525	700	850	1050	1200	1250 ⁴
Power Consumption (W)	22	27	34	42	48	50
Input Voltage (V)	120 - 277V (Standard)					
Surge Protection	Meets the requirements of ANSI C-High (10kV / 10kA)					
Power Factor	>0.90					

OPTICS & PERFORMANCE						
Photometry (Distribution)	2ES, 4AH					
Color Temperature (CCT)	4000K (Standard) 3000K & 5000K (Optional)					
Color Rendering Index (CRI)	~70					
3000K Fixture Efficacy (Lm/W)	101	99	96	88	84	83
4000K Fixture Efficacy (Lm/W)	105	104	99	94	90	88
3000K Fixture Output (Lm)	2,020	2,760	3,250	3,700	4,000	4,130
4000K Fixture Output (Lm)	2,300	2,800	3,368	3,930	4,300	4,400
LED L70 (Hours)	> 100,000 hours (@ maximum drive current)					
Shielding	Optional shields available upon request					

PHOTOCELL & CONTROLS	
Photocell Options	20-year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. We offer a complete range of control and monitoring solutions

1. 1250mA maximum temperature is 40 °C. -40 °C for fixed installation only. 2. Not all model configurations are DLC qualified - consult factory for details. 3. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements. 4. 1250mA drive current only available with UL Certification option.

Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K type 2ES distribution. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-C in grey (RAL 7035). All information provided is subject to change without notice.



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Nova Scotia, Canada, B3S 1B3

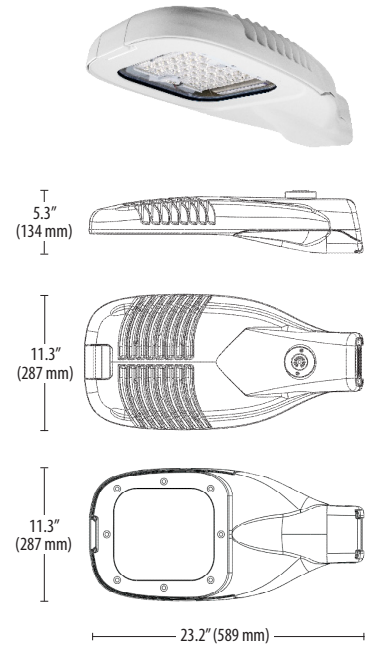
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NXT™ SERIES

NXT-S SPECIFICATIONS

Housing:	Single piece, die-cast A360 aluminum alloy with <0.6% copper content
Operating Temperature:	-40 °C to +50 °C (-40 °F to +122 °F) ¹
Mounting:	1.625" - 2.375" (42 - 60 mm) O.D. Tenons
Mounting Methods:	Horizontal Entry or Post-Top Mount
Weight:	18 lbs (8.2 kg)
EPA Rating:	<0.46 ft ² (< 0.043 m ²)
Lens Material:	IK09 Rated Glass
Ingress Protection:	Power Supply and optical module are located inside chamber rated IP66 per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations.
Finish:	Durable polyester powdercoat topcoat



Available Colors:

GREY (RAL 7035)

BRONZE (RAL 7022)

BLACK (RAL 9005)



	NXT-S (12 LEDs)					NXT-S (24 LEDs)					NXT-S (36 LEDs)				
ELECTRICAL															
Drive Currents (mA)	350	450	525	600	700	350	450	525	600	700	350	450	525	600	700
Power Consumption (W)	14	17	20	23	27	28	35	41	46	54	42	52	60	69	80
Input Voltage (V)	120 - 240V (Standard), 277V (Optional), 347 - 480V (Optional), 220 - 240V (Optional)														
Surge Protection	Meets the requirements of ANSI C-High (10kV / 10kA)														
Power Factor	>0.90														

OPTICS & PERFORMANCE															
Photometry (Distribution)	Type II, III, IV, V														
Color Temperature (CCT)	4000K (Standard) 3000K & 5000K (Optional)														
Color Rendering Index (CRI)	~70														
3000K Fixture Efficacy (Lm/W)	119	116	114	110	106	115	113	111	107	101	115	113	108	108	100
4000K Fixture Efficacy (Lm/W)	111	118	108	112	107	115	116	112	109	106	117	114	112	109	107
3000K Fixture Output (Lm)	1,670	1,970	2,270	2,540	2,870	3,230	3,970	4,540	4,940	5,480	4,830	5,860	6,490	7,420	8,020
4000K Fixture Output (Lm)	1,550	2,000	2,160	2,570	2,900	3,230	4,070	4,600	5,000	5,750	4,900	5,950	6,720	7,540	8,520
LED L70 (Hours)	> 100,000 hours (@ 350mA)														
Shielding	Optional shields available upon request														

PHOTOCELL & CONTROLS	
Photocell Options	20-year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. We offer a complete range of control and monitoring solutions

1. For EN certifications, max ambient temp of +50 °C; all others max ambient of +40 °C. -40 °C for fixed installation only. 347-480V maximum temperature is 45 °C. 2. Not all model configurations are DLC qualified - consult factory for details.
3. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements.

Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K type 2ES distribution. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-S in grey (RAL 7035). All information provided is subject to change without notice.



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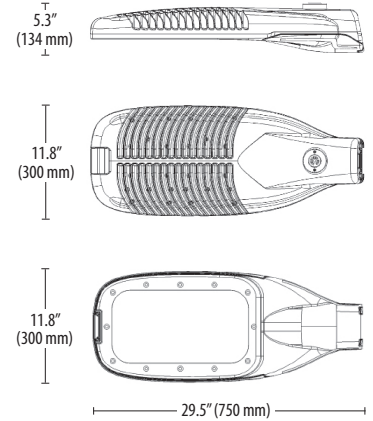
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NXT™ SERIES

NXT-M SPECIFICATIONS

Housing:	Single piece, die-cast A360 aluminum with <0.6% copper content
Operating Temperature:	-40 °C to +50 °C (-40 °F to +122 °F) ¹
Mounting:	1.625" - 2.375" (42 - 60 mm) O.D. Tenons
Mounting Methods:	Horizontal Entry or Post-Top Mount
Weight:	26 lbs (11.8 kg)
EPA Rating:	<0.9 ft ² (< 0.084 m ²)
Lens Material:	IK09 Rated Glass
Ingress Protection:	Power Supply and optical module are located inside chamber rated IP66 per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations.
Finish:	Durable polyester powdercoat topcoat



Available Colors:

GREY (RAL 7035)

BRONZE (RAL 7022)

BLACK (RAL 9005)



	NXT-M (48 LEDs)					NXT-M (60 LEDs)					NXT-M (72 LEDs)				
ELECTRICAL															
Drive Currents (mA)	350	450	525	600	700	350	450	525	600	700	350	450	525	600	700
Power Consumption (W)	53	68	80	92	108	65	84	99	113	133	78	100	117	135	158
Input Voltage (V)	120 - 240V (Standard), 277V (Optional), 347 - 480V (Optional), 220 - 240V (Optional)														
Surge Protection	Meets the requirements of ANSI C-High (10kV / 10kA)														
Power Factor	>0.90														

OPTICS & PERFORMANCE															
Photometry (Distribution)	Type II, III, IV, V														
Color Temperature (CCT)	4000K (Standard) 3000K & 5000K (Optional)														
Color Rendering Index (CRI)	~70														
3000K Fixture Efficacy (Lm/W)	122	120	118	115	100	123	119	117	113	101	123	119	116	112	101
4000K Fixture Efficacy (Lm/W)	125	122	116	111	106	125	121	118	111	106	125	121	118	112	109
3000K Fixture Output (Lm)	6,490	8,150	9,430	10,620	10,850	8,010	10,030	11,540	12,810	13,430	9,600	11,902	13,550	15,130	15,910
4000K Fixture Output (Lm)	6,660	8,280	9,250	10,170	11,420	8,130	10,190	11,720	12,520	14,090	9,750	12,080	13,750	15,160	17,160
LED L70 (Hours)	> 100,000 hours (@ 350mA)														
Shielding	Optional shields available upon request														

PHOTOCELL & CONTROLS	
Photocell Options	20 - year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. We offer a complete range of control and monitoring solutions

1. For EN certifications, max ambient temp of +50 °C; all others max ambient of +40 °C. -40 °C for fixed installation only. 277V Maximum temperature is 30 °C. 2. Not all model configurations are DLC qualified - consult factory for details.
3. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements.

Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K type 2ES distribution. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-M in grey (RAL 7035). All information provided is subject to change without notice.



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NXT™ SERIES

ORDERING INFORMATION

Example catalog number: NXT-125-5-S-2LB-3-GY-3-UL-X-2H

SERIES ⁵	LEDS / BODY	VOLTAGE ¹	RECEPTACLE ²	OPTICS	LED DRIVE CURRENT
NXT					
NXT <small>NXT-C</small>	12C - Compact <small>NXT-C</small>	5 - 120 - 277V <small>NXT-C</small>	5 - No Receptacle 7 - 7-PIN Receptacle (C136.41) <small>NXT-C</small>	2ES - Type II Max Throw 4AH - ANZ High Throw <small>NXT-C</small>	5 - 525mA 7 - 700mA 8 - 850mA B - 1050mA D - 1200mA E - 1250mA ³ <small>NXT-C</small>
NXT <small>NXT-S / NXT-M</small>	12S - Small 24S - Small 36S - Small 48M - Medium 60M - Medium 72M - Medium <small>NXT-S / NXT-M</small>	0 - 120 - 240V 2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V ¹⁰ <small>NXT-S / NXT-M</small>	5 - No Receptacle 7 - 7-PIN Receptacle (C136.41) <small>NXT-S / NXT-M</small>	2LB - Type II Standard 2HB - Type II Backlight 2ES - Type II Max Throw 2EM - Type II Moderate Throw 2LG - Type II Low Glare 3LB - Type III Standard 3LM - Type III Moderate 3HB - Type III Backlight 4AH - ANZ High Throw 5SM - Type V Square 5RM - Type V Round <small>NXT-S / NXT-M</small>	3 - 350mA 4 - 450mA 5 - 525mA 6 - 600mA 7 - 700mA <small>NXT-S / NXT-M</small>

FINISH	TEMPERATURE (CCT) ⁴	CERTIFICATION ⁵	DRIVER OPTION	MOUNTING METHOD ⁹	OTHER OPTIONS
GY - Grey (RAL 7035) BK - Black (RAL 9005) BZ - Bronze (RAL 7022) CC - Custom Color <small>NXT-C</small>	1 - 5000K 4 - 3000K 3 - 4000K <small>NXT-C</small>	UL - cULus CE - European NM - NOM - Mexico CT - C-TICK (Australia) CZ - C-TICK (NZ) <small>NXT-C</small>	X - Standard Dimming (1-10V) D - DALI ⁷ <small>NXT-C</small>	2H - 2-Bolt Horizontal Mount <small>NXT-C</small>	If applicable, insert 4 digit special product request code (SPR) <small>NXT-C</small>
GY - Grey (RAL 7035) BK - Black (RAL 9005) BZ - Bronze (RAL 7022) CC - Custom Color <small>NXT-S / NXT-M</small>	1 - 5000K 4 - 3000K 3 - 4000K <small>NXT-S / NXT-M</small>	UL - cULus CE - European NM - NOM - Mexico CT - C-TICK (Australia) CZ - C-TICK (NZ) EN - ENEC ⁶ <small>NXT-S / NXT-M</small>	X - Standard Dimming (1-10V) D - DALI ⁷ S - Field Switchable Driver 120-240V (Optional) ⁸ <small>NXT-S / NXT-M</small>	2H - 2-Bolt Horizontal Mount 4H - 4-Bolt Horizontal Mount <small>NXT-S / NXT-M</small>	If applicable, insert 4 digit special product request code (SPR) <small>NXT-S / NXT-M</small>

CATALOG NUMBER:

Include shorting caps 120-480V UL/CE with order? Yes No

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

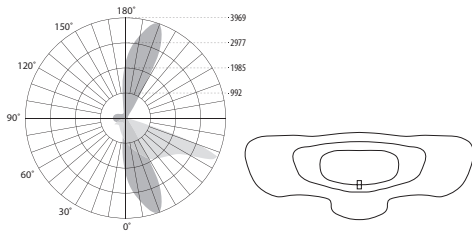
1. Our drivers will be provided for option 0. Other voltage options to be supplied with third-party drivers. 2. If photocells are required, they must be ordered separately. 3. 1250mA drive current only available with UL certification. 4. Other color temperatures available. 5. For EN certifications, max ambient temp of +50 °C; all others max ambient of +40 °C. -40 °C for fixed installation only. 6. EN for 220-240V Voltage Option only. 7. Available on selected configurations only, consult factory for details. 8. Not available with NXT-12S. 9. If post-top mount required, bracket must be ordered separately. Available with 2 bolt mount only. 10. NXT-M only - 347-480V drive current options are 350mA, 525 mA, and 700 mA.

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice. LED Roadway Lighting Ltd. supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.

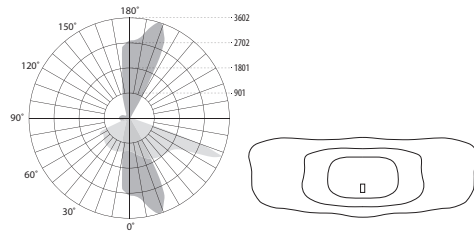
NXT™ SERIES

PHOTOMETRY / DISTRIBUTION PATTERNS

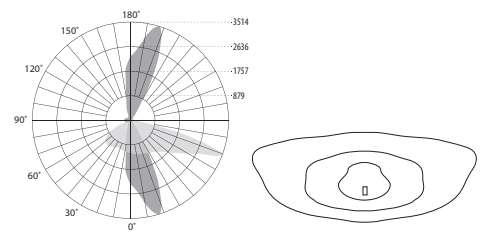
2LB Type II Standard



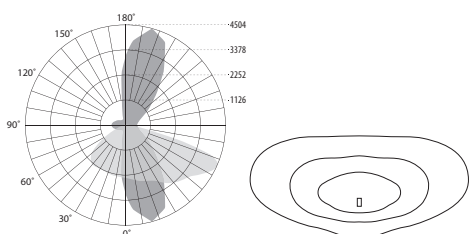
2HB Type II Backlight



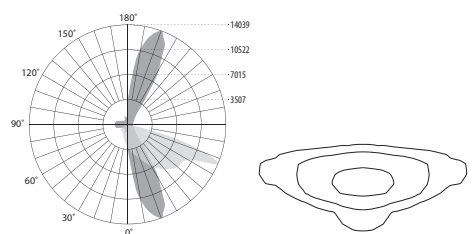
2ES Type II Max Throw



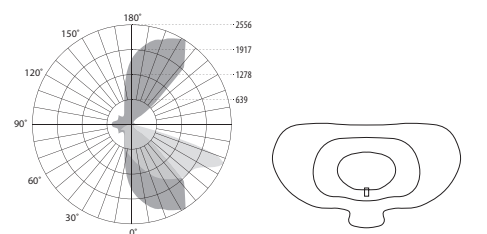
2EM Type II Moderate Throw



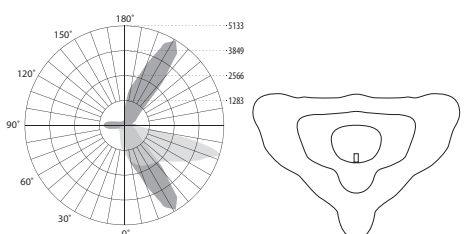
2LG Type II Low Glare



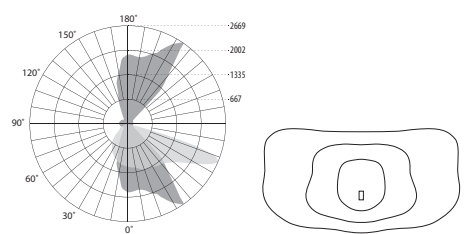
3LB Type III Standard



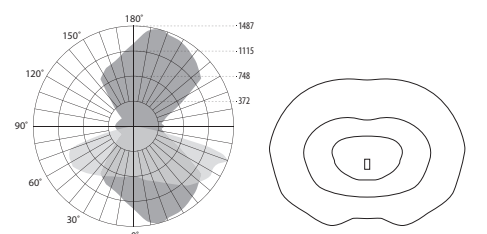
3LM Type III Moderate



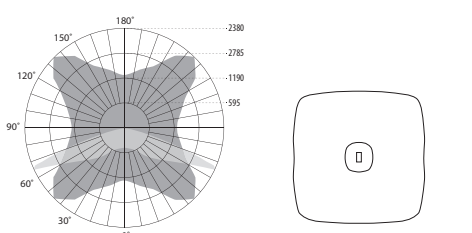
3HB Type III Backlight



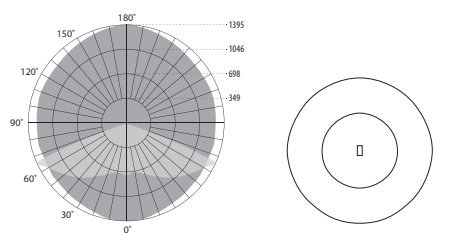
4AH ANZ High Throw



5SM Type V Square

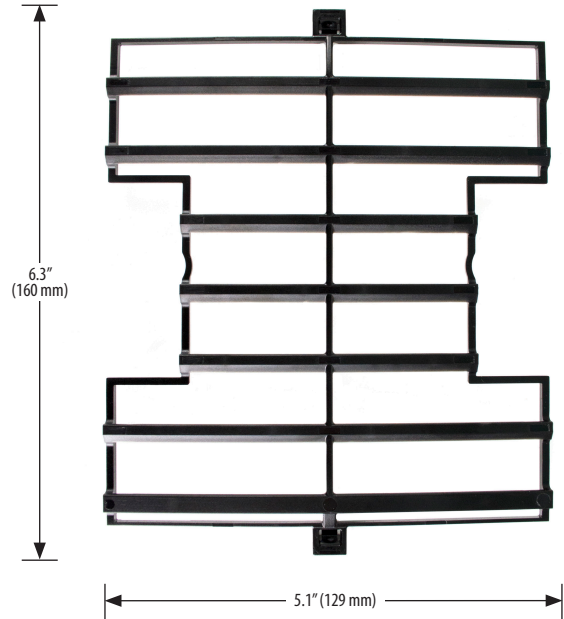


5RM Type V Round



NXT™ SERIES

HOUSE-SIDE SHIELD SPECIFICATIONS



DESCRIPTION
House-side shield for NXT Series LED light engines
LRL-PLS0102-XX-LF

KEY FEATURES
Heavy duty construction
Field installation in NXT series luminaires without the use of tools

AVAILABLE MODELS
Available for NXT-S (12, 24, 36 LEDs) and NXT-M (48, 60, 72 LEDs)

MECHANICAL
Material: Polycarbonate
Weight: 12 g
Dimensions: Width 6.3" (129 mm) x Length 5.1" (160 mm)
Ambient Temperature Range: -40°C to +40°C

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

OPTICS & PERFORMANCE
Compatible with all NXT optic patterns
Provides up to 60% backlight reduction in house-side light

	UL AMBIENT RATING WHEN BACKLIGHT SHIELD INSTALLED	CE AMBIENT RATING WHEN BACKLIGHT SHIELD INSTALLED
Existing Installs	40°C	30°C
New Installs	40°C	40°C

Illustrated Above: NXT LED LIGHT ENGINE (36 LEDs) All information provided is subject to change without notice.

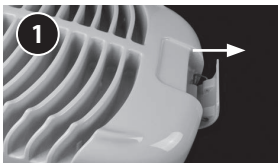


⚠ WARNING – RISK OF SHOCK – DISCONNECT POWER BEFORE SERVICING ⚠

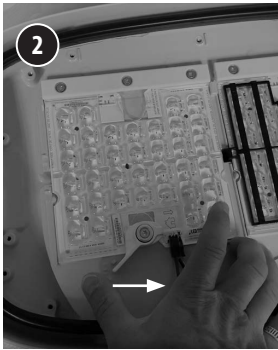
IMPORTANT: READ CAREFULLY BEFORE INSTALLING LUMINAIRE.

GENERAL: Upon receipt of luminaire thoroughly inspect for any damage.

SAFETY: OPENING THE COVER FOR INSTALLING, SERVICING, OR CLEANING SHOULD BE PERFORMED BY A QUALIFIED SERVICE PERSON. This luminaire must be wired in accordance with the National Electrical Code, National Electrical Safety Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. Overload circuit protection is recommended. Min 75°C supply conductors. ATTENTION: See the electrical specifications on the product label.

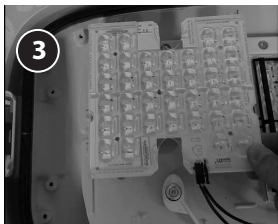


Open the door by releasing the quick access latch. Care should be taken to exert force only in the direction of the arrow, as rotational force can cause inadvertent latch dis-location. Note: Door will now swing freely.

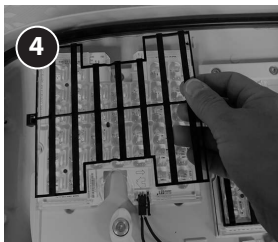


Note: For the NXT-S luminaire, the House Side Shield can be clipped on top of the light engine with special attention to the arrow on the house side shield is pointing towards the back of the luminaire.

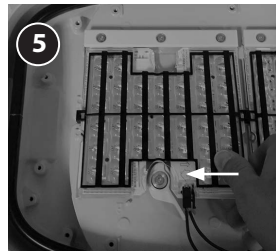
For the NXT-M, note plug orientation and then unplug. Turn the LED light engine latch to release the engine before attempting to install.



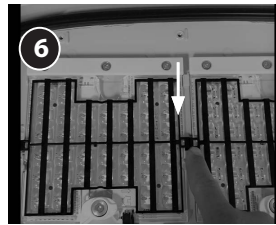
Remove the light engine.



Clip on the house side shield in the correct orientation with the house arrow pointing to the back of the luminaire.



Insert the LED light engine with house side shield installed, ensuring one end is fully inserted under the retention bar.



Ensure the new engine mounts flush against the luminaire. Turn the latch to secure the engine in place. Attach cable connector to the LED engine.



Close door; ensure latch is fully engaged. Apply force only as shown by arrow.

NXT LITE SERIES

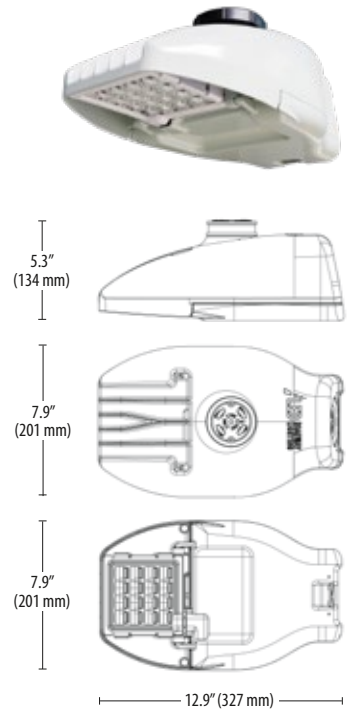
NXT-LITE-S SPECIFICATIONS

Housing: Single piece, die-cast A360 aluminum
 Operating Temperature: -40°C to +50°C (-40°F to +122°F)¹
 Mounting: 1.625" - 2.375" (42 - 60 mm) O.D. Tenons
 Mounting Methods: Horizontal Entry or Post-Top Mount
 Weight: 8 lbs (3.6 kg)
 EPA Rating: <0.3 ft² (< 0.028 m²)
 Ingress Protection: Power supply and optical assembly are IP66 rated per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations. IP66 wiring chamber (optional)².
 Finish: Durable polyester powdercoat topcoat.

Available Colors:

GREY (RAL 7035)

BLACK (RAL 9005)



	NXT-LITE-S (8 LEDs)							NXT-LITE-S (16 LEDs)							NXT-LITE-S (16 LEDs)	
ELECTRICAL																
LED Voltage (V)	3							3							12	
Drive Currents (mA)	350	450	525	600	700	850	1050	350	450	525	600	700	850	1050	300	350
Power Consumption (W)	13	16	18	18	21	24	30	21	26	30	33	38	47	58	65	75
Input Voltage (V)	120 - 277V (Standard), 347 - 480V (Optional)															
Surge Protection	Meets ANSI C136.2 - 2015 extreme electrical transient immunity requirements (20kV / 10kA)															
Power Factor	>0.90															
Receptacle	7-PIN receptacle (ANSI C136.41)															

OPTICS & PERFORMANCE																
Photometry (Distribution)	2ES, 3LM															
Color Temperature (CCT)	4000K (Standard), 3000K (Optional)															
Color Rendering Index (CRI)	70															
3000K Fixture Efficacy (Lm/W)	100	100	103	111	107	110	108	116	115	113	112	111	105	101	103	102
4000K Fixture Efficacy (Lm/W)	100	100	106	114	110	113	107	119	115	113	113	112	107	104	122	121
3000K Fixture Output (Lm)	1,300	1,600	1,850	2,000	2,250	2,650	3,250	2,400	3,000	3,300	3,750	4,250	4,950	5,800	6,700	7,700
4000K Fixture Output (Lm)	1,300	1,600	1,900	2,050	2,300	2,700	3,200	2,500	3,000	3,400	3,750	4,300	5,050	5,900	7,950	9,100
LED L70 (Hours)	> 100,000 hours @ maximum drive current															

PHOTOCELL & CONTROLS	
Photocell Options	20 - year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. DALI option is available with 700mA driver (120-277V) only. We offer a complete range of control and monitoring solutions.

1. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. 2. IP66 valid with LRL Lumen IQ controller. 3. Not all model configurations are DLC qualified - consult factory for details. 4. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements.

Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K type 2ES distribution. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-LITE-S in grey (RAL 7035). All information provided is subject to change without notice.

NXT^{LITE} SERIES

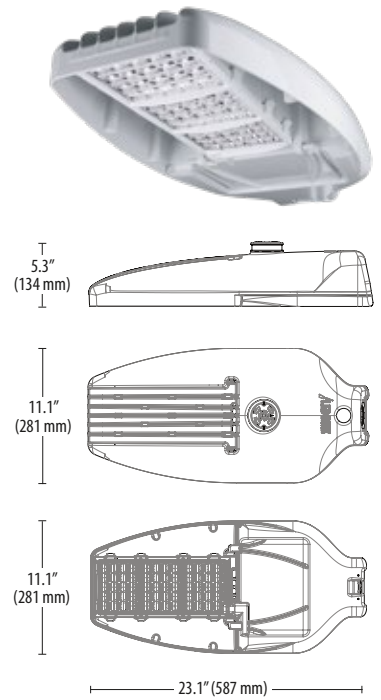
NXT-LITE-M SPECIFICATIONS

Housing:	Single piece, die-cast A360 aluminum
Operating Temperature:	-40°C to +50°C (-40°F to +122°F) ¹
Mounting:	1.625" - 2.375" (42 - 60 mm) O.D. Tenons
Mounting Methods:	Horizontal Entry or Post-Top Mount
Weight:	15 lbs (6.8 kg)
EPA Rating:	<0.5 ft ² (< 0.047 m ²)
Ingress Protection:	Power supply and optical assembly are IP66 rated per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations. IP66 wiring chamber (optional) ² .
Finish:	Durable polyester powdercoat topcoat.

Available Colors:

GREY (RAL 7035)

BLACK (RAL 9005)



	NXT-LITE-M (60 LEDs)								NXT-LITE-M (60 LEDs)
ELECTRICAL									
LED Voltage (V)	3								12
Drive Currents (mA)	350	450	525	600	700	850	950	300	
Power Consumption (W)	68	86	100	114	134	162	180	213	
Input Voltage (V)	120 - 277V (Standard), 347 - 480V (Optional)								
Surge Protection	Meets ANSI C136.2-2015 extreme electrical transient immunity requirements (20kV/10kA)								
Power Factor	>0.90								
Receptacle	7-PIN receptacle (ANSI C136.41)								
OPTICS & PERFORMANCE									
Photometry (Distribution)	2ES, 3LM								
Color Temperature (CCT)	4000K (Standard), 3000K (Optional)								
Color Rendering Index (CRI)	70								
3000K Fixture Efficacy (Lm/W)	119	117	114	111	110	104	103	116	
4000K Fixture Efficacy (Lm/W)	130	129	126	123	122	115	111	129	
3000K Fixture Output (Lm)	8,050	10,100	11,450	12,700	14,800	16,900	18,550	24,700	
4000K Fixture Output (Lm)	8,900	11,150	12,600	14,050	16,350	18,650	19,950	27,500	
LED L70 (Hours)	> 100,000 hours @ maximum drive current								
PHOTOCELL & CONTROLS									
Photocell Options	20 - year life photocell available.								
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. We offer a complete range of control and monitoring solutions.								

1. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. 2. IP66 valid with LRL Lumen IQ controller. 3. Applies to NXT-LITE-M (3V LEDs/Standard) 4. Not all model configurations are DLC qualified - consult factory for details. 5. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements.

Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K type 2ES distribution. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-LITE-M in grey (RAL 7035). All information provided is subject to change without notice.

NXT^{LITE} SERIES

STANDARD OUTPUT ORDERING INFORMATION

Example catalog number: L0-16S-5-7-2ES-4-S-GY-4-UL-2-S-A

SERIES	LEDS / BODY	VOLTAGE ¹	RECEPTACLE ²	OPTICS	DRIVE CURRENT
L0			7		
L0 - NXT-LITE	08S - Small 16S - Small	5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3AH - Type III ANZ High Throw 3LM - Type III Medium G25 - Glass Type II Max Throw G3M - Glass Type III Medium	3 - 350mA 4 - 450mA 5 - 525mA 6 - 600mA 7 - 700mA 8 - 850mA B - 1050mA
L0 - NXT-LITE	60M - Medium	5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3AH - Type III ANZ High Throw 3LM - Type III Medium G25 - Glass Type II Max Throw G3M - Glass Type III Medium	3 - 350mA 4 - 450mA 5 - 525mA 6 - 600mA 7 - 700mA 8 - 850mA 9 - 950mA

DRIVER OPTION ³	FINISH	TEMPERATURE (CCT) ⁴	CERTIFICATION ⁵	MOUNTING METHOD ⁷	WIRING CHAMBER
S - Standard Dimming (1-10V) D - DALI	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus CE - European NM - NOM - Mexico	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount	S - Standard B - IP66 and Class II (CE only)
S - Standard Dimming (1-10V)	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus NM - NOM - Mexico ⁶	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount	S - Standard B - IP66 and Class II (CE only)

SURGE PROTECTION	OTHER OPTIONS
A	
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)

CATALOG NUMBER:

Include shorting caps 120-480V UL/CE with order? Yes No

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

1. 347-480V only with 16 LED, 30W and above. 2. If photocells are required, they must be ordered separately. 3. DALI only available up to 700mA, 120 - 277 V 4. Other color temperatures available. 5. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. 6. NOM certification only supports models up to 700mA drive current. 7. If post-top mount required, bracket must be ordered separately. Available with 2 bolt mount only.

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice. LED Roadway Lighting Ltd. supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.

NXT^{LITE} SERIES

HIGH OUTPUT ORDERING INFORMATION

Example catalog number: LH-16S-5-7-2ES-3-S-GY-4-UL-2-S-A

SERIES	LEDS / BODY	VOLTAGE	RECEPTACLE ¹	OPTICS	DRIVE CURRENT
LH			7		
LH - NXT-LITE	16S - Small 60M - Medium	5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3LM - Type III Medium	W - 300mA 3 - 350mA ³
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

DRIVER OPTION	FINISH	TEMPERATURE (CCT) ⁴	CERTIFICATION ⁵	MOUNTING METHOD ⁶	WIRING CHAMBER
S - Standard Dimming (1-10V) D - DALI (120 - 277 V)	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus CE - European	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount	S - Standard B - IP66 and Class II (CE only)
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

SURGE PROTECTION	OTHER OPTIONS
A	
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

CATALOG NUMBER:

Include shorting caps 120-480V UL/CE with order? Yes No

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

1. If photocells are required, they must be ordered separately. 2. 3AH not available with NXT-LITE medium body. 3. 350mA drive current not available with NXT-LITE M. 4. Other color temperatures available.
5. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. 6. If post-top mount required, bracket must be ordered separately. Available with 2 bolt mount only.

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice. LED Roadway Lighting Ltd. supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.

NXT LITE SERIES



NXT-LITE-S SPECIFICATIONS

Housing: Single piece, die-cast A360 aluminum alloy with <0.6% copper content

Operating Temperature: -40°C to +50°C (-40°F to +122°F)¹

Mounting: 1.625" - 2.375" (42 - 60 mm) O.D. Tenons

Mounting Methods: Horizontal Entry or Post-Top Mount

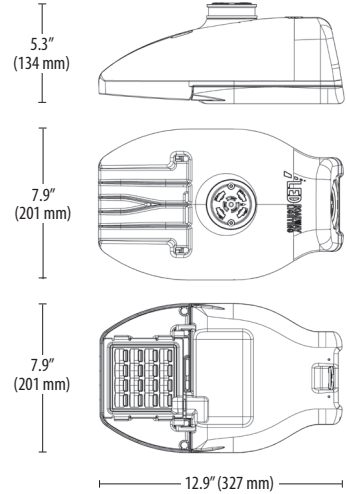
Weight: 8 lbs (3.6 kg)

EPA Rating: <0.3 ft² (< 0.028 m²)

Lens Material: PMMA, IK09 Rated Glass Optional

Ingress Protection: Power supply and optical assembly are IP66 rated per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations. IP66 wiring chamber (optional)².

Finish: Durable polyester powdercoat topcoat.



Available Colors:

GREY (RAL 7035)



	L6 NXT-LITE-S (16 LEDs)										LH NXT-LITE-S (16 LEDs)		
ELECTRICAL													
LED Voltage (V)	6										12		
Drive Currents (mA)	175	200	250	300	350	400	450	500	525	600	300	350	400
Power Consumption (W)	20	23	28	34	37	43	48	54	57	66	62	75	83
Input Voltage (V)	120 - 277V (Standard), 347 - 480V (Optional), 220-240V (Optional)												
Surge Protection	Meets ANSI C136.2 - 2018 extreme electrical transient immunity requirements (20kV/10kA)												
Power Factor	>0.90												
Receptacle	7-PIN receptacle (ANSI C136.41)												

OPTICS & PERFORMANCE													
Photometry (Distribution) ⁵	2ES, 3AH ⁵ , 3LM, G2S, G3M												
Color Temperature (CCT)	4000K (Standard), 3000K (Optional)												
Color Rendering Index (CRI)	70												
3000K Fixture Efficacy (Lm/W)	145	144	144	144	144	143	142	142	139	135	114	103	108
4000K Fixture Efficacy (Lm/W)	154	153	153	153	152	151	151	150	145	139	125	113	119
3000K Fixture Output (Lm)	2,900	3,300	4,050	4,800	5,550	6,250	6,950	7,650	7,900	8,900	7,050	7,700	8,950
4000K Fixture Output (Lm)	3,100	3,550	4,350	5,100	5,800	6,500	7,300	8,000	8,250	9,150	7,750	8,500	9,850
LED L70 (Hours)	> 100,000 hours @ maximum drive current												
Shielding	Optional shields available upon request.												

PHOTOCELL & CONTROLS	
Photocell Options	20-year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. DALI option is available with 700mA driver (120-277V) only. We offer a complete range of control and monitoring solutions.

1. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. -40°C for fixed installation only. 2. IP66 valid with LRL Lumen IQ controller. 3. Not all model configurations are DLC qualified - consult factory for details. 4. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements. 5. 3AH Optic is not applicable to LH.

Performance data refer to type 2ES Optic without glass protector. Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K. If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-LITE-S in grey (RAL 7035). All information provided is subject to change without notice.



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NXT LITE SERIES

NXT-LITE-M SPECIFICATIONS

Housing: Single piece, die-cast A360 aluminum alloy with <0.6% copper content

Operating Temperature: -40°C to +50°C (-40°F to +122°F)¹

Mounting: 1.625" - 2.375" (42 - 60 mm) O.D. Tenons

Mounting Methods: Horizontal Entry or Post-Top Mount

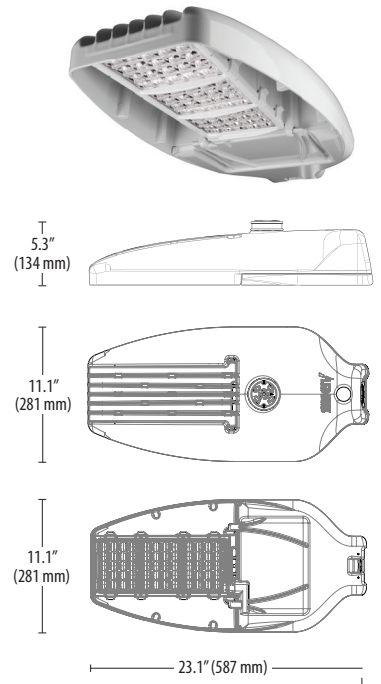
Weight: 15 lbs (6.8 kg)

EPA Rating: <0.5 ft² (< 0.047 m²)

Lens Material: PMMA, IK08 Rated Glass Optional

Ingress Protection: Power supply and optical assembly are IP66 rated per IEC 60529/ANSI C136.25. Luminaire is rated for wet locations. IP66 wiring chamber (optional)².

Finish: Durable polyester powdercoat topcoat.



Available Colors:

GREY (RAL 7035)



		L6 NXT-LITE-M (60 LEDs)						LH NXT-LITE-M (60 LEDs)
ELECTRICAL								
LED Voltage (V)	6							12
Drive Currents (mA)	200	250	300	350	400	466	500	300
Power Consumption (W)	72	91	110	129	154	174	194	214
Input Voltage (V)	120 - 277V (Standard), 347 - 480V (Optional), 220-240V (Optional)							
Surge Protection	Meets ANSI C136.2-2018 extreme electrical transient immunity requirements (20kV/10kA)							
Power Factor	>0.90							
Receptacle	7-PIN receptacle (ANSI C136.41)							

OPTICS & PERFORMANCE								
Photometry (Distribution) ⁶	2ES, 3AH ⁶ , 3LM, G2S, G3M							
Color Temperature (CCT)	4000K (Standard), 3000K (Optional)							
Color Rendering Index (CRI)	70							
3000K Fixture Efficacy (Lm/W)	166	165	157	153	149	146	143	115
4000K Fixture Efficacy (Lm/W)	173	170	165	162	157	153	146	128
3000K Fixture Output (Lm)	12,000	15,000	17,750	20,300	22,900	26,000	27,650	24,650
4000K Fixture Output (Lm)	12,500	15,500	18,200	20,900	24,200	26,700	28,400	27,300
LED L70 (Hours)	> 100,000 hours @ maximum drive current							
Shielding	Optional shields available upon request.							

PHOTOCELL & CONTROLS	
Photocell Options	20-year life photocell available.
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. We offer a complete range of control and monitoring solutions.

1. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. -40 °C for fixed installation only. 2. IP66 valid with LRL Lumen IQ controller. 3. Applies to NXT-LITE-M (3V LEDs/Standard) 4. Not all model configurations are DLC qualified - consult factory for details. 5. Only products with a CCT of 3000K (or less) meet International Dark Sky Association requirements. 6. 3AH Optic is not applicable to LH.

Performance data refer to type 2ES Optic without glass protector. Values shown are subject to ±5% tolerance. Color temperatures shown are ±300K If post-top version is specified, add 5.4" (137 mm) to overall length dimension. Illustrated Above: NXT-LITE-M in grey (RAL 7035). All information provided is subject to change without notice.



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NXT^{LITE} SERIES

STANDARD OUTPUT ORDERING INFORMATION

Example catalog number: L6-16S-2-7-2ES-1-S-GY-4-UL-2-S-A

SERIES ¹	LEDS / BODY	VOLTAGE ²	RECEPTACLE ³	OPTICS	LED DRIVE CURRENT
L6			7		
L6 - NXT-LITE L0 - NXT-LITE ¹ Older model of NXT-LITE series available. Consult with factory for order guide.	16S - Small	2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3AH - Type III ANZ High Throw 3LM - Type III Medium G2S - Glass Type II Max Throw G3M - Glass Type III Medium	1 - 175mA M - 200mA 2 - 250mA F - 262mA W - 300mA 3 - 350mA T - 400mA 4 - 450mA R - 500mA 5 - 525mA 6 - 600mA
L6 - NXT-LITE L0 - NXT-LITE ¹ Older model of NXT-LITE series available. Consult with factory for order guide.	60M - Medium	2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3AH - Type III ANZ High Throw 3LM - Type III Medium G2S - Glass Type II Max Throw G3M - Glass Type III Medium	M - 200mA 2 - 250mA W - 300mA 3 - 350mA T - 400mA J - 466mA R - 500mA

DRIVER OPTION ⁴	FINISH	TEMPERATURE (CCT) ⁵	CERTIFICATION ⁶	MOUNTING METHOD ⁷	WIRING CHAMBER
S - Standard Dimming (1-10V) D - DALI ⁴	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus CE - European NM - NOM - Mexico EN - ENEC	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount	S - Standard B - IP66 and Class II (CE only)
S - Standard Dimming (1-10V)	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus CE - European NM - NOM - Mexico EN - ENEC	2 - 2-Bolt Horizontal Mount	S - Standard B - IP66 and Class II (CE only)

SURGE PROTECTION	OTHER OPTIONS
A	
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)

CATALOG NUMBER:

Include shorting caps 120-480V UL/CE with order? Yes No

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

1. Older version of NXT-LITE series available. Consult with the factory for L0 Order Guide. 2. 347-480V only with 16 LED, 30W and above. 3. If photocells are required, they must be ordered separately. 4. DALI only available up to 350mA, 120 - 277V. Consult factory for details. 5. Other color temperatures available. 6. NOM certification only supports models up to 700mA drive current. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C -40 °C for fixed installation only. 7. If post-top mount required, bracket must be ordered separately.

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice. LED Roadway Lighting Ltd. supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.



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NXT^{LITE} SERIES

HIGH OUTPUT ORDERING INFORMATION

Example catalog number: LH-16S-2-7-2ES-W-S-GY-4-UL-2-5-A

SERIES	LEDS / BODY	VOLTAGE	RECEPTACLE ¹	OPTICS	LED DRIVE CURRENT ²
LH			7		
LH - NXT-LITE	16S - Small 60M - Medium	2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V	7 - 7-PIN Receptacle (C136.41)	2ES - Type II Max Throw 3LM - Type III Medium G2S - Glass Type II Max Throw G3M - Glass Type III Medium	W - 300mA 3 - 350mA ² T - 400mA ² S - 425mA ²
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

DRIVER OPTION ³	FINISH	TEMPERATURE (CCT) ⁴	CERTIFICATION ⁵	MOUNTING METHOD ⁷	WIRING CHAMBER
S - Standard Dimming (1-10V) D - DALI ³	GY - Grey (RAL 7035) BK - Black (RAL 9005)	4 - 4000K (Standard) 3 - 3000K (Optional)	UL - cULus CE - European EN - ENEC NM - NOM-Mexico	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount ⁷	S - Standard B - IP66 and Class II (CE only)
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

SURGE PROTECTION	OTHER OPTIONS
A	
A - 20 kV / 10 kA Fail-Off	If applicable, insert 4 digit Special Product Request code (SPR)
<small>NXT-LITE-S / NXT-LITE-M High Output</small>	<small>NXT-LITE-S / NXT-LITE-M High Output</small>

CATALOG NUMBER:

Include shorting caps 120-480V UL/CE with order? Yes No

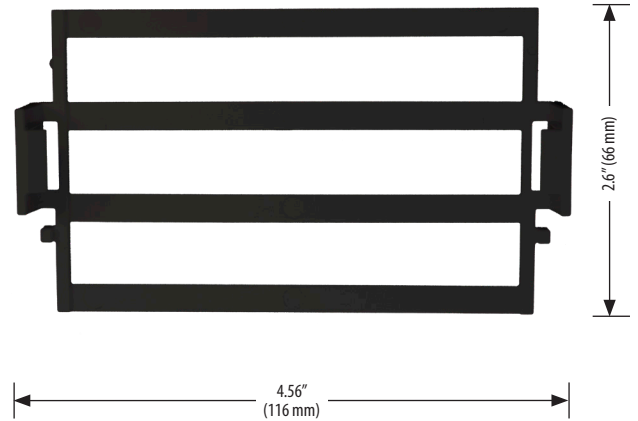
Project Name:	Comments
Quantity:	
Approved By:	
Date:	

1. If photocells are required, they must be ordered separately. 2. 350 mA, 400 mA, and 425 mA drive currents not available with NXT-LITE-M. 3. DALI not available on 347-480V. 4. Other color temperatures available.
5. For CE, CT, CZ, EN certifications, max ambient temp of +50°C; all others max ambient of +40°C. -40 °C for fixed installation only. 7. If post-top mount required, bracket must be ordered separately. 4-bolt mount not available with NXT-Lite-M.

By completing the Order Confirmation above, I certify that I am authorized to sign the confirmation on behalf of the company. Information provided is subject to change without notice. LED Roadway Lighting Ltd. supplies and warrants luminaires and proprietary control systems only. It is the responsibility of the client to select lighting poles and mounting arms that are suitable for the application (including but not limited to wind loading, seismic requirements, etc.) and the characteristics of the luminaire (e.g. EPA rating), and to confirm integrity and suitability of existing poles and mounting arms prior to installation.

NXT^{LITE} SERIES

HOUSE-SIDE SHIELD SPECIFICATIONS



DESCRIPTION
House-side shield for NXT-LITE Series LED light engines
LRL-PLS0109-XX-LF

KEY FEATURES
Heavy duty construction
Field installation in NXT Lite series luminaires without the use of tools

AVAILABLE MODELS
Available for NXT-LITE-S

MECHANICAL
Material: Polycarbonate
Weight: 9g
Dimensions: Width 4.56" (116 mm) x Length 2.6" (66 mm)
Ambient Temperature Range: -40°C to +40°C

OPTICS & PERFORMANCE
Compatible with all NXT-LITE optics
Provides up to 60% backlight reduction in house-side light

	UL AMBIENT RATING WHEN BACKLIGHT SHIELD INSTALLED	CE AMBIENT RATING WHEN BACKLIGHT SHIELD INSTALLED
Existing Installs	40°C	30°C
New Installs	40°C	40°C

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

Illustrated Above: NXT-LITE-S LED LIGHT ENGINE (16 LEDs) All information provided is subject to change without notice.



NEXT LITE

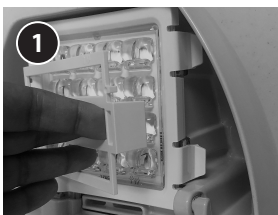


⚠ WARNING – RISK OF SHOCK – DISCONNECT POWER BEFORE SERVICING ⚠

IMPORTANT: READ CAREFULLY BEFORE INSTALLING LUMINAIRE.

GENERAL: Upon receipt of luminaire thoroughly inspect for any damage.

SAFETY: OPENING THE COVER FOR INSTALLING, SERVICING, OR CLEANING SHOULD BE PERFORMED BY A QUALIFIED SERVICE PERSON. This luminaire must be wired in accordance with the National Electrical Code, National Electrical Safety Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. Overload circuit protection is recommended. Min 75°C supply conductors. ATTENTION: See the electrical specifications on the product label.



The House Side Shield can be clipped on top of the light engine with special attention to the arrow on the house side shield, ensuring it is pointing towards the back of the luminaire.

