

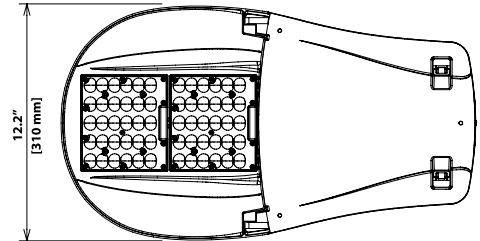
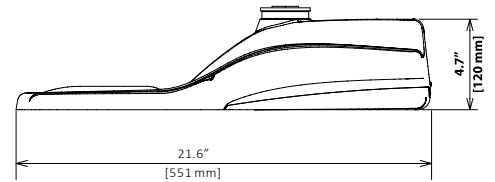
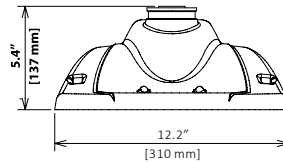
GreenCobra™ Midsize LED Streetlight

GCM J-Series Specification Data Sheet

Luminaire Data

Weight 11 lbs [5.0 kg]

EPA 0.44 ft²



Ordering Information

Sample Catalog No. GCM2-60J-MV-30K-2R-GY-130-PCR7-CR-BABA

Model*	LED Code	Voltage	Color Temperature	Distribution	Finish ¹	Output Code ²	General Options
GCM1* GCM2* GCM3* GCM4*	60J	MV 120-277V HV 347-480V	22K 2200K 27K 2700K 30K 3000K 40K 4000K 50K 5000K	2R Type 2 3R Type 3R 3F Type 3F 4 Type 4 5 Type 5	GY Gray DB Dark Bronze BK Black	Refer to Page 3 to select the performance code.	FOC³ Fixed Output Code LPCR Less Photocontrol Receptacle PCR7⁴ ANSI 7-wire Photocontrol Receptacle PCR7-CR⁵ Control Ready 7-wire Photocontrol Receptacle MSL3 Motion Sensor, L3 Lens MSL7 Motion Sensor, L7 Lens WL Utility Wattage Label 4B 4-Bolt Mounting Bracket RWG Rubber Wildlife Guard SWTB Straight Wire Terminal Block BBL Bubble Level DSC Door Safety Cable CF⁶ Coastal Paint Finish SP2⁷ Extreme Surge Protection, 20kV/10kA, Fail-to-on LSSP2⁷ Extreme Surge Protection, Fail-to-off, 20kV/10kA Rating BABA Domestic Build Option BABA¹³ Build America, Buy America Act Compliant (meets Oct. 1, 2026 final US assembly, 55% content material requirements) LEOLink ILS™ Intelligent Lighting System¹⁴ * See pg. 8 for additional LEOLink ordering & system details * (refer to LEOLink ILS specification sheets for complete specification & ordering information)

* Refer to performance data table on page 3 for specific model with corresponding output code

Notes:

- 1 Gray, Black, and Dark Bronze standard. Consult factory for other finishes. See page 2 for RAL codes of standard finishes.
- 2 Specified output code is the factory-set lumen performance. Refer to the performance data table in this specification sheet. The field-adjustable output select enables the fixture to be adjusted for local conditions (not available with Fixed Output Code, FOC, or the PCR7-CR option). Consult factory if wattage limits require a special drive current.
- 3 Non-field-adjustable, fixed output code. Specify the required output code. Not available with the PCR7-CR option.
- 4 Includes an output selector that enables field adjustability of light levels. Includes connectors to allow easy upgrade of wireless dimming via PCR7. Wireless node by others.
- 5 Control-ready and wired at the factory for wireless-node dimming (node by others). The output selector is not included, and output cannot be adjusted above the specified output code.
- 6 Specify the CF option for coastal installation. See warranty for details.
- 7 Standard surge protection, 10kV/5kA, fail-to-on, meets enhanced surge protection based on ANSI C136.2-2015 three-part testing.
- 8 Flush-mounted house-side shield. Shield cuts light off at one mounting height behind the luminaire. Gray frame with black louvers.
- 9 Flush-mounted cul-de-sac shield. Shield cuts light off at one mounting height behind the luminaire and two times the mounting height on either side. Gray frame with black louvers.
- 10 Flush-mounted front-side shield cuts light off at approximately 1-1/2 mounting height in front of the luminaire (street side). Gray frame with black louvers.
- 11 Specify color (GY, DB, BK). Refer to LEOTEK.com for mounting details and drawings.
- 12 Specify MV (120-277V) or HV (347-480V).
- 13 The 'BABA' option must be specified to meet Oct. 1, 2026 Build America, Buy America Act (BABA) guidelines. Failure to specify the 'BABA' ordering code will result in receiving non-BABA-compliant product (with no recourse for an RMA, product exchange, or refund).
- 14 'NB01P05/10' requires 'PCR7-CR' and is available in 'MV' 120-277V; contact factory for 'HV' 347-480V. A RenAI subscription and network data plan are required see the LEOLink ordering page for details.

Accessories*

HSSJGCM⁸	House Side Shield, Snap-On*
CSSJGCM⁹	Cul-De-Sac Side Shield, Snap-On*
FSSJGCM¹⁰	Front Side Shield, Snap-On*
SPB¹¹	Square Pole Horizontal Arm Bracket
RPB¹¹	Round Pole Horizontal Arm Bracket
PTB¹¹	Pole Top Tenon Horizontal Arm Bracket
PTB2¹¹	Pole Top Tenon Horizontal Arm Bracket (2@180°)
WB¹¹	Wall Horizontal Arm Bracket
BSK	Bird Deterrent Spider Kit
LLPC¹²	Long-Life Twist Lock Photocontrol
SC	Twist Lock Shorting Cap

*Unless specified for field installation, Shields and Shorting



Luminaire Specifications

Housing

Die cast aluminum housing with universal two-bolt slip fitter mounts to 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter mast arm. One-piece aluminum housing provides passive heat-sinking of the LEDs and has upper surfaces that shed precipitation. Four-bolt mounting bracket (4B option) is available. Mounting provisions meet 3G vibration per ANSI C136.31-2010 Normal Application, Bridge & Overpass by independent test lab. Mounting has leveling adjustment from $\pm 5^\circ$ in 2.5° steps. All hardware is stainless steel. Electrical components are accessed without tools via die cast aluminum door with stainless steel quick release latches. Provided standard with removable polycarbonate wildlife guard. For additional protection, optional rubber wildlife guard (RWG) which conforms snugly to the mast arm is offered.

Light Emitting Diodes

LEDs produce minimum 90% of initial intensity at 60,000 hours of life per IES recommended lumen maintenance life projection based on 6 times the duration of the collected LM-80 data. For details on IESNA Position on LED Product Lifetime Prediction, PS-10-18. LEDs have correlated color temperature of 2200K (22K), 2700K (27K), 3000K (30K), 4000K (40K), or 5000K (50K) and 70 CRI minimum. LEDs are ROHS compliant, 100% mercury and lead free.

Field Adjustability

LED lumen output can be changed in the field to adjust light output for local conditions (not available with PCR7-CR option). The specified output code will be the factory set output. Field adjustments can be made with the output selector included in the fixture. Field adjustable range shown in performance data table.

Quality Control

Every luminaire is performance tested before and after a 2-hour burn-in period. Assembled in the USA.

Optical Systems

Micro-lens optical systems produce IESNA Type 2, Type 3, Type 4, or Type 5 distributions and are fully sealed to maintain an IP66 rating. Luminaire produces 0% total lumens above 90° (BUG Rating, U=0). Optional house side shield cuts light off at 1/2 mounting height behind luminaire. Front side shield cuts light off at approximately one mounting height in front of the luminaire (street side). Cul-de-sac shield provides back and side light control for end of cul-de-sac applications. All shields are field installable without tools.

Electrical

Rated life of electrical components is 100,000 hours. Uses isolated power supply that is 1-10V dimmable. Power supply is wired with quick-disconnect terminals. EMC meets or exceeds FCC CFR Part 15. Terminal block accommodates 6 to 14 gauge wire. Surge protection complies with IEEE/ANSI C62.41 Category C High, 10kV/5kA and ANSI C136.2- 2015, 3-part test.

Power Supply

IP66 rated power supply with high power factor of > 90%. Auto sensing universal AC input from 120 to 277VAC (MV model) and 347 to 480VAC (HV model) rated for both line to line and line to neutral applications. Maximum THD rating of 20%. Class 1 or Class 2. Built-in overheating protection mechanism will reduce drive current to LEDs and electrical components if the driver experiences unusual internal overheating situation. Built-in short circuit, voltage overload, and current overload protection with automatic recovery after correction.

LEOLink Intelligent Lighting System

With PCR7-CR and an NB01P05/10 controller, LEOLink RenAI provides remote monitoring, fault alerts, energy data, scheduling, and performance control. RenAI and cellular data subscriptions are required. See page 8.

Finish

Housing receives a durable, fade-resistant polyester powder coat finish with 3.0 mil nominal thickness. Standard finish tested to withstand 5000 hours in salt spray exposure per ASTM B117 and Coastal Finish per ASTM G85. Finish meets scribe creepage rating 8 per ASTM D1654. Finish tested 500 hours in UV exposure per ASTM G154 and meets ASTM D523 gloss retention.

Listings/Ratings/Labels

Luminaires are UL listed for use in wet locations in the United States and Canada. DesignLights Consortium™ qualified product. Consult DLC QPL for Standard and Premium Classification Listings. All electronic components inside of the luminaire are NRTL damp location rated per ANSI 136.37-2011 Ingress Protection standard. International Dark Sky Association listed. Luminaire is qualified to operate at ambient temperatures of -40°C to 40°C. Assembled in the U.S.A

Photometry

Luminaire photometrics are tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

Warranty

10-year limited warranty is standard on luminaire and components. 5-year limited warranty on luminaires and components with a motion sensor. LEOLink Controllers can be specified with either 5-year or 10-year limited warranties. See LEOTEK.com for warranty details, terms and conditions.

Vandal Resistance

Housing and optics rated to IK10

Government Procurement Compliance

BAA- Buy America(n) Act: All LEOTEK luminaires qualify as a "Domestic End Product" per the Buy American Act as governed by FAR and DFARS.

BABA - Build America Buy America: All LEOTEK luminaires ordered with the 'BABA' option code are compliant per BABA requirements as outlined per the Federal Highway Administration (FHWA).

Certification and Compliance

Luminaire complies with:

ANSI: C136.2, C136.3, C136.10, C136.13, C136.15, C136.22, C136.31, C136.35, C136.37, C136.41, C62.41, C78.377, C82.77
Other: FCC 47 CFR, IEC 60598, ROHS II, UL 1449, UL 1598

Color Specifications

Order Code	Color	RAL #	Pantone Equivalent
GY	Gray	7040	429C
BK	Black	9004	426C
DB	Dark Bronze	6022	BLACK 2C

TM21 Lumen Maintenance per IES TM21-11 Calculation

Model Number	60,000 Hours*	80,000 Hours	100,000 Hours
GCM1/2/3	>96%	>95%	>94%
GCM4	>92.4%	>90.6%	>88.7%

*Calculation based on IES position statement on Lumen Maintenance Life Projections

Performance Data: 2200K (22K)

All data nominal. IES files for all CCTs available at leotek.com.

Product	LED Code	Output Code	System Wattage (W)	Delivered Lumens (Lm) ¹	Efficacy (Lm/W)	Field Adjustable Output Range
GCM1	60J	080	59	8250	141	↕
		090	65	9073	140	
		100	72	10039	140	
		110	80	10979	138	
		115	85	11504	135	
GCM2	60J	120	89	12019	135	↕
		130	100	13194	132	
GCM3	60J	145	111	14412	130	↕
		155	123	15717	128	
		165	133	16288	122	
GCM4	60J	180	140	18167	130	↕
		190	148	18807	127	

Notes:

1. Nominal lumens. Normal tolerance $\pm 10\%$ due to factors including distribution type, LED bin variance, and ambient temperatures.
2. Maximum LED drive current is 435mA.

Performance Data: 2700K (27K)

All data nominal. IES files for all CCTs available at leotek.com.

Product	LED Code	Output Code	System Wattage (W)	Delivered Lumens (Lm) ¹	Efficacy (Lm/W)	Field Adjustable Output Range
GCM1	60J	090	59	8967	153	↕
		100	65	9862	152	
		110	72	10912	152	
		120	80	11933	150	
		125	85	12504	147	
GCM2	60J	130	89	13064	147	↕
		145	100	14342	144	
GCM3	60J	155	111	15665	141	↕
		170	123	17083	139	
		175	133	17704	133	
GCM4	60J	205	140	20546	147	↕
		215	148	21283	144	
		225	158	22310	141	

Notes:

1. Nominal lumens. Normal tolerance $\pm 10\%$ due to factors including distribution type, LED bin variance, and ambient temperatures.
2. Maximum LED drive current is 435mA.

Performance Data: 3000K (30K)

All data nominal. IES files for all CCTs available at leotek.com.

Product	LED Code	Output Code	System Wattage (W)	Delivered Lumens (Lm) ¹	Efficacy (Lm/W)	Field Adjustable Output Range
GCM1	60J	090	59	9039	154	↕
		100	65	9940	153	
		110	72	10999	153	
		120	80	12029	151	
		125	85	12604	148	
GCM2	60J	130	89	13169	148	↕
		145	100	14457	145	
GCM3	60J	160	111	15790	142	↕
		170	123	17220	140	
		180	133	17846	134	
GCM4	60J	215	140	21627	154	↕
		225	148	22389	151	
		235	158	23472	140	
		240	163	24114	148	

Notes:

1. Nominal lumens. Normal tolerance $\pm 10\%$ due to factors including distribution type, LED bin variance, and ambient temperatures.
2. Maximum LED drive current is 435mA.

Performance Data: 4000K (40K) and 5000K (50K)

All data nominal. IES files for all CCTs available at leotek.com.

Product	LED Code	Output Code	System Wattage (W)	Delivered Lumens (Lm) ¹	Efficacy (Lm/W)	Field Adjustable Output Range
GCM1	60J	095	59	9562	163	↕
		105	65	10525	162	
		115	72	11574	161	
		125	80	12746	160	
		135	85	13402	158	
GCM2	60J	140	89	13884	156	↕
		155	100	15400	154	
GCM3	60J	170	111	16872	152	↕
		185	123	18387	149	
		190	133	19072	143	
GCM4	60J	220	140	22141	158	↕
		230	148	23143	156	
		245	158	24269	154	
		250	163	24953	153	

Notes:

1. Nominal lumens. Normal tolerance $\pm 10\%$ due to factors including distribution type, LED bin variance, and ambient temperatures.
2. Maximum LED drive current is 435mA.

BUG Ratings: 2200K (22K)

All data nominal. IES files for all CCTs are available at leotek.com.

		Type 2R	Type 3R	Type 3F	Type 4	Type 5
Product & LED Code	Product & LED Code	BUG Rating	BUG Rating	BUG Rating	BUG Rating	BUG Rating
GCM1 60J	080	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G1
	090	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	100	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	110	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	115	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
GCM2 60J	120	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
	130	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
GCM3 60J	145	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	155	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	165	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
GCM4 60J	180	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	190	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2

BUG Ratings: 2700K (27K)

All data nominal. IES files for all CCTs are available at leotek.com.

		Type 2R	Type 3R	Type 3F	Type 4	Type 5
Product & LED Code	Product & LED Code	BUG Rating	BUG Rating	BUG Rating	BUG Rating	BUG Rating
GCM1 60J	090	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G1
	100	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	110	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	120	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	125	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
GCM2 60J	130	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
	145	B3-U0-G3	B3-U0-G3	B2-U0-G2	B2-U0-G2	B4-U0-G2
GCM3 60J	155	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	170	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G3	B4-U0-G2
	175	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
GCM4 60J	205	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	215	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	225	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2

BUG Ratings: 3000K (30K)

All data nominal. IES files for all CCTs are available at leotek.com.

Product & LED Code	Output Code	Type 2	Type 3R	Type 3F	Type 4	Type 5
		BUG Rating	BUG Rating	BUG Rating	BUG Rating	BUG Rating
GCM1 60J	090	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	100	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	110	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	120	B3-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	125	B3-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
GCM2 60J	130	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
	145	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
GCM3 60J	160	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	170	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G3	B4-U0-G2
	180	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
GCM4 60J	215	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	225	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G3	B4-U0-G2
	235	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	245	B4-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2

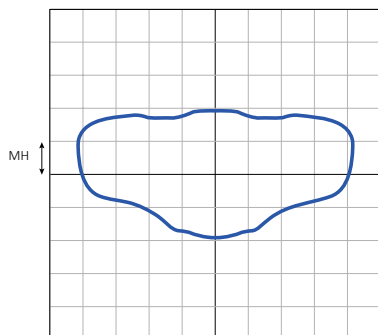
BUG Ratings: 4000K (40K) and 5000K (50K)

All data nominal. IES files for all CCTs are available at leotek.com.

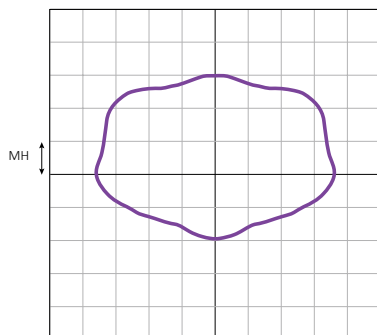
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	105	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	115	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
	125	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
	135	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
GCM2 60J	140	B3-U0-G3	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
	155	B3-U0-G3	B2-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2
GCM3 60J	170	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G2	B4-U0-G2
	185	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	190	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
GCM4 60J	220	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G2	B4-U0-G2
	230	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G3	B4-U0-G2
	245	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
	250	B4-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2

Optical Distribution

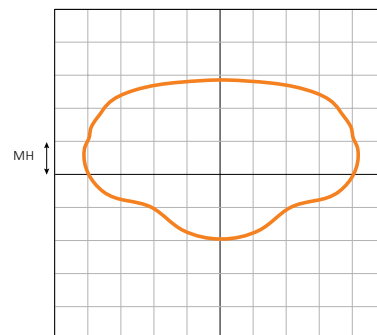
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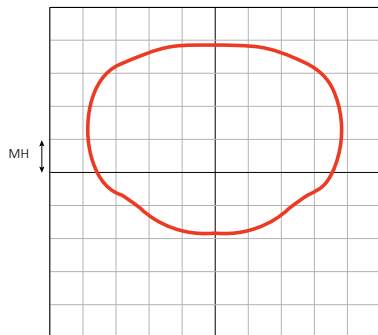
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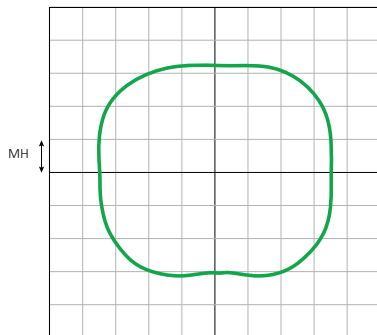
Type 3F



Type 3R



Type 4



Type 5

LEOLink ILS™ Intelligent Lighting System for Tomorrow's Smart & Sustainable Cities

Smart...Scalable...Effortless

LEOLink ILS is the next evolution in street lighting, integrating AI and IoT to transform a city's traditional outdoor lighting infrastructure into a smart, adaptive network. It empowers municipalities and utilities with real-time control, predictive maintenance, and rapid scalability, all with unmatched simplicity.

Integrating LEOTEK's AI-driven centralized management platform (LEOLink RenAI) with intelligent streetlight controllers, LEOLink ILS provides 24x7 visibility into the status and performance of streetlights enabling efficient energy use, real-time fault detection, and predictive maintenance across city-wide lighting networks. Easy "plug-and-play" deployment and scalability support users in achieving operational excellence, public safety, and long-term sustainability. With LEOLink ILS, cities are creating the backbone of a future-ready smart city.

Key Functions

Centralized, Remote Management

Gain complete control of your city's smart lighting infrastructure from a single, intuitive platform.

Instant Response to Anomalies

Automatically identify and respond to abnormal lighting behavior in real-time.

AI-Powered Predictive Maintenance

Detect and address faults before they occur, minimizing downtime and maintenance costs.

Actionable Insights Through Data Visualization

Monitor asset performance and energy trends with clear, interactive dashboards and reports.

Energy Efficiency & Cost Savings

Optimize energy usage with intelligent scheduling and dimming, reducing operational expenses.

LEOLink Controllers Key Features & Benefits

The smartest fit for 7-PIN NEMA fixtures. Engineered to deliver seamless performance, trusted security, and plug-and-play simplicity, all in one powerful, next-generation controller.



Self-Monitoring & Fault Detection

Controllers continuously monitor the luminaire's operational status, identifying power outages, failures, and abnormal energy patterns for fast diagnostics and improved maintenance efficiency.



Ultra-High Connectivity

Dual-mode cellular communication using the world's most reliable and secure carriers ensures a 99.5% connection success rate, delivering reliable continuous data transmission even in challenging environments.



Built-In Surge Protection

Advanced surge protection against lightning and voltage spikes safeguards critical streetlight infrastructure.



AI-Driven Adaptive Dimming

Participates with LEOLink RenAI to enable intelligent dimming strategies, including human-centric lighting adjustments based on real-time traffic, weather, and pedestrian activity.



Predictive Maintenance & Analytics

Advanced failure analysis and predictive diagnostics move cities from reactive to preventative maintenance strategies that reduce downtime and operational costs.



*LEOLink 'NB01P05/10' Smart Controller

LEOLink RenAI Central Management System Key Features & Benefits

RenAI is an AI-powered, cloud-based Central Management System (CMS) that turns streetlighting into a dynamic, adaptive, and self-optimizing network. Using a native AI foundation, it analyzes both real-time and historical data—surpassing traditional CMS capabilities—to address the complex needs of modern roadway infrastructure. The result: improved energy efficiency, reduced operational costs, and enhanced public safety for utilities and municipalities.



LiSA (LEOTEK intelligent Service Advisor)

LiSA, our AI-powered assistant, is available 24/7 to streamline operations, quickly answering questions, generating charts and tables, and assisting with troubleshooting to lighten your team's workload.



Asset Management

Collect and track roadway infrastructure asset information such as streetlight fixtures, poles and controllers to drive operational efficiencies from field maintenance to life cycle management.



Remote Control

Remotely switch lights ON/OFF and adjust brightness via an intuitive user interface.



Fault Detection & Notification

Monitor streetlight health and status in real time to detect and receive instant fault alerts.



Energy Consumption Management

Track usage, identify trends, and forecast energy needs for optimal efficiency.



Data Analysis & Reporting

Access historical insights, visualize data, and generate reports for informed decision-making.



Scheduled Dimming

Automatically adjusts brightness levels based on ambient light and pre-set schedules.



LEOLink Intelligent Lighting System (ILS) Ordering Information*

(*add to end of luminaire catalog number to ship controller with the luminaire)

Sample Catalog No. Luminaire w/ Controller: GCM2-60J-MV-30K-2R-GY-130-PCR7-CR-BABA-**NB01P10-R10-D10** (controllers will ship included with the luminaire)

Sample Catalog No. for Controller Only: **NB01P05-R05-D05** (controllers will ship separately from the luminaire)

LEOLink Smart Controllers		RenAI CMS Subscription		Network Data Plan	
NB01P05 ¹	LEOLink 7-PIN Controller, 5YR Warranty (120-277V)	R01	RenAI, One Year SaaS Subscription	D01	Data Plan, One Year Subscription
NB01P10 ¹	LEOLink 7-PIN Controller, 10YR Warranty (120-277V)	R05	RenAI, Five Year SaaS Subscription	D05	Data Plan, Five Year Subscription
		R10	RenAI, Ten Year SaaS Subscription	D10	Data Plan, Ten Year Subscription
		R00 ²	RenAI, No SaaS Subscription	D00 ²	Data Plan, No Subscription

1. For each controller, a RenAI CMS Subscription "RXX" and Network Data Plan "DXX" is required. Please refer to the LEOLink ILS specification sheets and ordering guide for complete ordering and specification details.

2. 'R00' and 'D00' options require prior approval from LEOTEK. Please contact factory for details.