

OB-SOLID

SLIQ-S SPECIFICATIONS

Housing: Single piece, die-cast low copper aluminum (<0.6%)

Cover / Door: Glass-filled polycarbonate (IK10) Operating Temperature: -40°C to $+50^{\circ}\text{C}$ (-40°F to $+122^{\circ}\text{F}$)

Mounting: 1.625" - 2.375" (42 - 60 mm) O.D. Tenons Mounting Methods: Horizontal Entry or Post-Top Mount

Weight: 12 lbs (5.5 kg)

Height: 4.7" - 6.2" (120 mm - 158 mm)

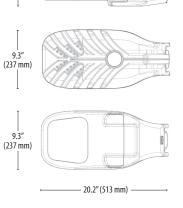
EPA Rating: $< 0.45 \text{ ft}^2 (< 0.042 \text{ m}^2)$

Ingress Protection: Power supply, controls, and optical assembly are located inside

chamber rated IP66 per IEC 60529/ANSI C136.25. Luminaire is

rated for wet locations.

Finish: Durable polyester powdercoat topcoat





					SLIQ (1	6 LEDs)				SLIQ (16 LEDs) HO		
ELECTRICAL												
LED Voltage (V)		6 12										
Drive Currents (mA)	170	170 200 250 300 350 400 450 500 530 600 300 350 40							400			
Power Consumption (W)	20	20 22 28 33 38 43 49 55 58 66 60 70 80										
Input Voltage (V)	120 - 27	7V (Stand	dard), 347	' - 480V (Optional)							
Surge Protection	Meets tl	Meets the requirements of ANSI C136.2-2018 Extreme										
Power Factor	>0.90	>0.90										
Receptacle	Solid (N	o recepta	icle), 7-PI	N recepta	cle (ANS	C136.41	, or ZHA	GA (Book	18)			

OPTICS & PERFORMANCE													
Photometry (Distribution)	G2S, G3	52S, G3M, G2G, G3W, G2H, DT3, DTC, DM2, DT4, DT2, DDC, DAT, DME, DNS, DM1, DCT, DTB, DT1, DMW, DTM											
Color Temperature (CCT)	4000K a	000K and 3000K											
Color Rendering Index (CRI)	70	70											
3000K Fixture Efficacy (Lm/W)	130	132	129	130	132	128	124	122	121	117	120	116	111
4000K Fixture Efficacy (Lm/W)	135	143	139	136	137	137	133	127	126	123	122	117	114
3000K Fixture Output (Lm)	2,600	2,900	3,600	4,300	5,000	5,500	6,100	6,700	7,000	7,750	7,200	8,100	8,900
4000K Fixture Output (Lm)	2,700	3,150	3,900	4,500	5,200	5,900	6,500	7,000	7,300	8,100	7,300	8,200	9,100
LED L70 (Hours)	> 100,0	100,000 hours @ maximum drive current											

CONTROL	
	Dimming power supply (1-10V) is standard equipment. DALI option is only available for 170mA to 530mA (6V LED option) but not for 347-480V. We offer a complete range of control and monitoring solutions.

1. Not all model configurations are DLC qualified - consult factory for details. 2. 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 G2S distribution. Illustrated Above: SLiQ-S All information provided is subject to change without notice.





ORDERING INFORMATION

Example catalog number: Q-B00-6-16S-2-2-35-R-3-G2S-R-E-7-S-GY-UL-0000

SERIES	VERSION + RADIO	LED VOLTAGE	LEDS / BODY	MOUNTING METHOD
Q			16S	
Q -SLiQ	B00 - Basic (No internal controls of sensors) C70 - Controls (Cellular radio w/ internal controls) C40 - Controls (LRLMesh radio w/ internal controls) D70 - Data (Cellular radio w/ internal controls + radar speed sensor) D40 - Data (LRLMesh radio w/ internal controls + radar dynamic lighting sensor) T70 - TSP (Cellular radio w/ internal controls & ext. sensor interface) T40 - TSP (LRLMesh radio w/ internal controls & ext. sensor interface)	6 - 6 V (Standard 21 - 64W) H - 12V (High-Output 65 - 85W)	165 - Small	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount
SliQ	S SliQ-S	SliQ-S	SliQ-S	SliQ-S

VOLTAGE ¹	DRIVER CURRENT	DRIVER ADD-ON ²	TEMPERATURE (CCT) ³	OPTICS	WIRING CHAMBER
2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V ¹	17 - 170 mA 20 - 200 mA 25 - 250 mA 30 - 300 mA 35 - 350 mA 40 - 400 mA 45 - 450 mA 50 - 500 mA 53 - 530 mA 60 - 600 mA	R - 0 - 10V D - DALI ²	3 - 3000K 4 - 4000K	G2S DT3 DDC DM1 G3M DTC DAT DCT G2G DM2 DME DTB G3W DT4 DNS DT1 G2H DT2 DMW DTM	R - CLASS I with terminal block P - CLASS I with flying leads
SliQ-S	SliQ-S	SliQ-S	SliQ-S	SliQ-S	SliQ-S

SURGE PROTECTION	RECEPTACLE TOP OPTION ⁴	RECEPTACLE BOTTOM OPTION⁴	FINISH	CERTIFICATION ⁵	OTHER OPTIONS
E			GY		
E - Extreme	S - Solid Top (No Receptacle) 7 - 7-PIN Receptacle (C136.41) 2 - ZHAGA (Book 18)	S - Solid Bottom (No Receptacle) 7 - 7-PIN Receptacle (C136.41) Z - ZHAGA (Book 18) T - TSP Sensor Interface	GY - Grey painted housing with white cover/door	UL - cULus CE - European EN - ENEC	If applicable, insert 4 digit Special Product Request code (SPR)
SliQ-S		SliQ-S	SliQ-S	SliQ-S	SliQ-S

CATALOG NUMBER:

Project Name:	Comments
Quantity:	
Approved By:	
Date:	

^{1. 347-480}V only with Q800 (basic) version. 2. DALI option is only available for 170mA to 530mA (6V LED option). Not available for 347-480V. 3. Other color temperatures available. 4. If photocells are required, they must be ordered separately. 5. For CE and EN certifications, max ambient temp of +50°C; all others max ambient of +40°C.

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.





OB 7-PIN

SLIQ-M SPECIFICATIONS

Housing: Single piece, die-cast low copper aluminum (<0.6%)

Cover / Door: Glass-filled polycarbonate (IK10) Operating Temperature: -40°C to $+40^{\circ}\text{C}$ (-40°F to $+104^{\circ}\text{F}$)

Mounting: 1.625" - 2.375" (42 - 60 mm) O.D. Tenons Mounting Methods: Horizontal Entry or Post-Top Mount

Weight: 24 lbs (11 kg)

Height: 5.47" - 6.22" (139 mm - 158 mm)

EPA Rating: $< 0.65 \text{ ft}^2 (< 0.061 \text{ m}^2)$

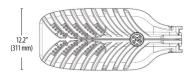
Ingress Protection: Power supply, controls, and optical assembly are located inside

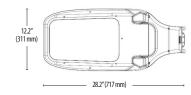
chamber rated IP66 per IEC 60529/ANSI C136.25. Luminaire is

rated for wet locations.

Finish: Durable polyester powdercoat topcoat









CERTI	FICAT	SMOL	PENDING

				SLIQ-M (60 LEDs) HO					
ELECTRICAL									
LED Voltage (V)		6							
Drive Currents (mA)	200	200 250 300 350 400 470 500							
Power Consumption (W)	77	95	115	135	155	181	194	212	
Input Voltage (V)	120 - 277V (Standard), 34	7 - 480V (Opti	onal)					
Surge Protection	Meets the re	Meets the requirements of ANSI C136.2-2018 Enhanced							
Power Factor	>0.90	>0.90							
Receptacle	Solid (No red	ceptacle), 7-P	IN receptacle	(ANSI C136.4	1), or ZHAGA	(Book 18)			

OPTICS & PERFORMANCE									
Photometry (Distribution)	G2S, G3M								
Color Temperature (CCT)	4000K and 3	000K and 3000K							
Color Rendering Index (CRI)	70								
3000K Fixture Efficacy (Lm/W)	152	148	145	141	138	136	133	121	
4000K Fixture Efficacy (Lm/W)	156	155	151	148	144	143	141	130	
3000K Fixture Output (Lm)	11,700	14,100	16,650	19,100	21,400	24,700	25,850	25,700	
4000K Fixture Output (Lm)	12,000	14,750	17,400	20,000	22,400	25,900	27,350	27,500	
LED L70 (Hours)	> 100,000 h	> 100,000 hours @ maximum drive current							

CONTROL	
Control & Monitoring	Dimming power supply (1-10V) is standard equipment.DALI option is available but not for 347-480V. We offer a
	complete range of control and monitoring solutions.

1. Not all model configurations are DLC qualified - consult factory for details. 2. 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 G2S distribution. Illustrated Above: SLiQ-M All information provided is subject to change without notice.





ORDERING INFORMATION

Example catalog number: Q-B00-6-60M-2-2-35-R-3-G2S-R-F-7-S-GY-UL-0000

SERIES	VERSION + RADIO	LED VOLTAGE	LEDS / BODY	MOUNTING METHOD
Q			60M	
Q -SLiQ	B00 - Basic (No internal controls of sensors) C70 - Controls (Cellular radio w/ internal controls) C40 - Controls (LRLMesh radio w/ internal controls) D70 - Data (Cellular radio w/ internal controls + radar speed sensor) D40 - Data (LRLMesh radio w/ internal controls + radar dynamic lighting sensor) T70 - TSP (Cellular radio w/ internal controls & ext. sensor interface) T40 - TSP (LRLMesh radio w/ internal controls & ext. sensor interface)	6 - 6 V (Standard 77 - 194W) H - 12V (High-Output 212W)	60M - Medium	2 - 2-Bolt Horizontal Mount 4 - 4-Bolt Horizontal Mount
SliQ-M	SliQ-M	SliQ-M	SliQ-M	SliQ-M

VOLTAGE ¹	DRIVER CURRENT	DRIVER ADD-ON ²	TEMPERATURE (CCT) ³	OPTICS	WIRING CHAMBER
2 - 220 - 240V 5 - 120 - 277V 6 - 347 - 480V ¹	20 - 200 mA 25 - 250 mA 30 - 300 mA 35 - 350 mA 40 - 400 mA 47 - 470 mA 50 - 500 mA	R - 0 - 10V D - DALI ²	3 - 3000K 4 - 4000K	G2S G3M	R - CLASS I with terminal block P - CLASS I with flying leads
SliQ-M	SliQ-M	SliQ-M	SliQ-M	SliQ-M	SliQ-M

SURGE PROTECTION	RECEPTACLE TOP OPTION ⁴	RECEPTACLE BOTTOM OPTION⁴	FINISH	CERTIFICATION ⁵	OTHER OPTIONS
F			GY		
F - Enhanced	S - Solid Top (No Receptacle) 7 - 7-PIN Receptacle (C136.41) 2 - ZHAGA (Book 18)	S - Solid Bottom (No Receptacle) 7 - 7-PIN Receptacle (C136.41) Z - ZHAGA (Book 18) T - TSP Sensor Interface	GY - Grey painted housing with white cover/door	UL - cULus CE - European EN - ENEC	If applicable, insert 4 digit Special Product Request code (SPR)
SliQ-M	SliQ-M	SliQ-M	SliQ-M	SliQ-M	SliQ-M

CATALOG NUMBER:

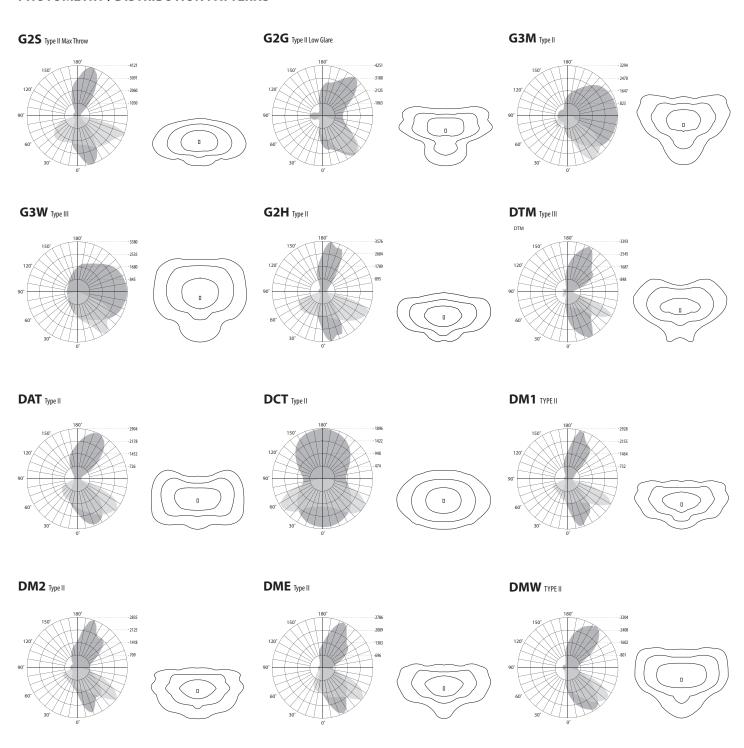
Project Name:	Comments
Quantity:	
Approved By:	
Date:	

1. 347-480V only with QB00 (basic) version. 2. DALI option is not available for 347-480V. 3. Other color temperatures available. 4. If photocells are required, they must be ordered separately. 5. For CE and EN certifications, max ambient temp of +50°C; all others max ambient of +40°C.

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PHOTOMETRY / DISTRIBUTION PATTERNS



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