



Collection of inground recessed luminaires for exterior applications. Available in 4 sizes with round or square design. Exceptional European build quality with high corrosion resistant finish. Robust marine grade die-cast aluminum construction, stainless steel fasteners and glass diffuser. Stainless steel 316L face plate with beveled edges.

**Luminaire characteristics:**

**Power input:** 3W to 8.7W  
**Lumens:** 31lm to 500lm (for 3000K, 90CRI)  
**Luminaire efficacy:** Up to 69 lm/W

**Source:** White LED module (LM-80)  
2700K: 90CRI,  
3000K: 90CRI,  
4000K: 90CRI.

**Lumen maintenance:** 70% of initial lumens at 50 000 hours (L70), (LM79).

**Optics:** Adjustable optics ( $\pm 5-15^\circ$ ): Spot, flood and asymmetrical.  
Fixed optic: Wide flood

**Material:** Body: Die-cast aluminum.  
Trim: 2mm thick stainless steel or aluminum.  
Reflector: 99.98% pure aluminum  
Diffuser: 8mm thick acid-etched tempered glass.  
Hardware: Stainless steel screws and silicone gaskets.  
Back box: Polypropylene

**Mounting:** Inground installation using back box. Supplied with 36" outdoor rated cable. Longer cords available on request. Separate waterproof wiring box to be provided by the contractor. Ensure proper drainage.

**Electrical:** Remote LED driver options (page 3-6).

**Finish:** Stainless steel or aluminum black painted. Painted finish follows a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.

**Weight:** 2.4lbs (1.1kg).

**Max. load capacity:** 2204Lbs (1000kg)

**Glass surface temperature:** Less than 37°C (99°F)

**Warranty:** 5 year limited warranty.

**Ratings:** IP67, IK09

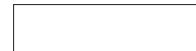
**Certification:**  cULus listed for wet location.

**ORDERING INFO**

**- REM -**

FIXTURE

BACK BOX



**MODEL**

**Minizip comfort**

**SHAPE**

**Round**

**Square**

**LED**

**927** - 2700K, 90CRI

**930** - 3000K, 90CRI

**940** - 4000K, 90CRI

**OPTIC**

**Spot 12°**

**Flood 32°**

**Wide flood 83°**

**Asymmetrical 13°-57°**

**VOLTAGE**

**REM** - Remote

**FINISH**

**09** - Black

**19** - Stainless steel

**INSTALLATION ACCESSORY**

To be ordered separately.

**CAS7845** - Round polypropylene back box  
Ø6½" x 5¼" (Ø165mm x 135mm)



**CAS7865** - Square polypropylene back box  
□6½" x 5¼" (□165mm x 135mm)

**CONNECTION ACCESSORY**

For 0.26" - 0.34" (6.5-8.5mm) cable, 2P 12-18 AWG conductors.

**9010** - IP68 field connector for remote LED drivers.



**REMOTE LED DRIVER OPTIONS**  
(TO BE ORDERED SEPARATELY)

**Minizip comfort round • spot or asymmetrical • S7831, S8831 / S7832, S8832 • 5W\* • 900mA**

**Wet location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
2-3	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0900-020-UNV-D2</b> <input type="checkbox"/>
2-4	25	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0900-025-120-LTE</b> <input type="checkbox"/>
1-8	30	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0900-030-UNV-ED10</b> <input type="checkbox"/>
1-8	30	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0900-030-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**Dry location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
2-3	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0900-020-UNV-D2</b> <input type="checkbox"/>
2-4	25	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0900-025-120-LTE</b> <input type="checkbox"/>
1-8	30	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0900-030-UNV-ED10</b> <input type="checkbox"/>
1-8	30	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0900-030-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**REMOTE LED DRIVER OPTIONS**  
(TO BE ORDERED SEPARATELY)

**Minizip comfort square • spot or asymmetrical • S7835, S8835 / S7836, S8836 • 5.6W\* • 500mA**

**Wet location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
1-2	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0500-012-120-LTE</b> <input type="checkbox"/>
1-3	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0500-020-UNV-D2</b> <input type="checkbox"/>
1-4	27	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0500-027-UNV-ED10</b> <input type="checkbox"/>
1-4	27	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0500-027-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**Dry location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
1-2	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0500-012-120-LTE</b> <input type="checkbox"/>
1-3	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0500-020-UNV-D2</b> <input type="checkbox"/>
1-4	27	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0500-027-UNV-ED10</b> <input type="checkbox"/>
1-4	27	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0500-027-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**REMOTE LED DRIVER OPTIONS**  
(TO BE ORDERED SEPARATELY)

**Minizip comfort round or square • flood • S7833, S8833 / S7837, S8837 • 6.6W\* • 700mA**

**Wet location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
1	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0700-012-120-LTE</b> <input type="checkbox"/>
2	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0700-020-UNV-D2</b> <input type="checkbox"/>
1-5	30	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0700-030-UNV-ED10</b> <input type="checkbox"/>
1-5	30	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0700-030-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**Dry location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
1	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0700-012-120-LTE</b> <input type="checkbox"/>
2	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±1%	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0700-020-UNV-D2</b> <input type="checkbox"/>
1-5	30	120-277V	0-10V ELDOLED ECOdrive	Down to ±1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0700-030-UNV-ED10</b> <input type="checkbox"/>
1-5	30	120-277V	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0700-030-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**REMOTE LED DRIVER OPTIONS**  
(TO BE ORDERED SEPARATELY)

**Minizip comfort round or square • wide flood • S7805, S8805 / S7825, S8825 • 1.4W\* • 500mA**

**Wet location**

Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
2-8	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0500-012-120-LTE</b> <input type="checkbox"/>
4-12	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4548-0500-020-UNV-D2</b> <input type="checkbox"/>
1-16	27	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0500-027-UNV-ED10</b> <input type="checkbox"/>
1-16	27	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4549-0500-027-UNV-SD10</b> <input type="checkbox"/>

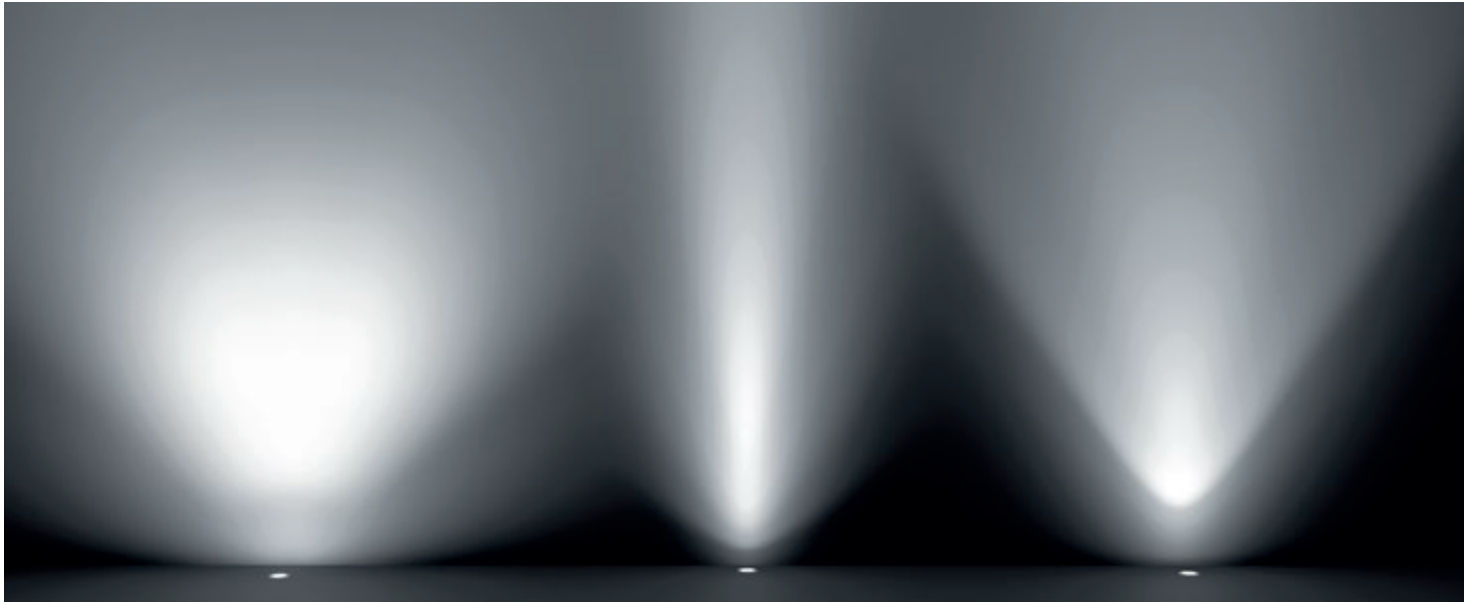
\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

**Dry location**

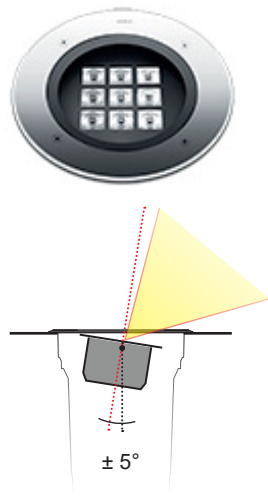
Min-max units	Watts	Voltage	Dimming protocol	Dimming range	Connection box dimensions	Max distance**	Connection box
2-8	12	120V	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0500-012-120-LTE</b> <input type="checkbox"/>
4-12	20	120-277V	Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black)	Down to $\pm 1\%$	6 x 4½" x 3" (152 x 114 x 76mm)	30ft (9m)	<b>4444-0500-020-UNV-D2</b> <input type="checkbox"/>
1-16	27	120-277V	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0500-027-UNV-ED10</b> <input type="checkbox"/>
1-16	27	120-277V	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	14½" x 5" x 3½" (368 x 165 x 89mm)	118ft (36m)	<b>4450-0500-027-UNV-SD10</b> <input type="checkbox"/>

\* Wattage requirement for one (1) fixture (Remote fixture only).  
\*\* Calculated for 16AWG cable. Contact customer service for longer remote distance.

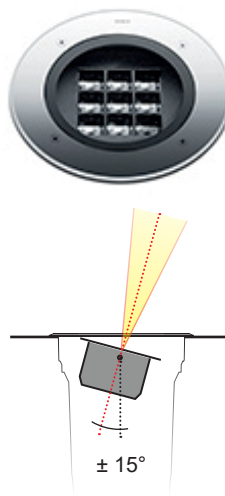
**OVERVIEW**



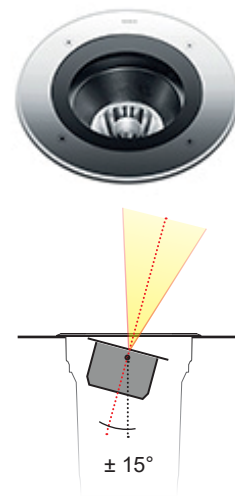
Asymmetrical optic



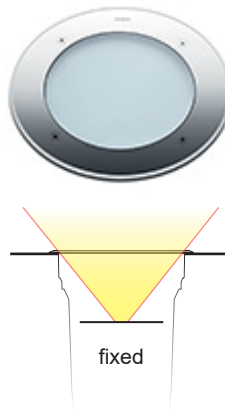
Spot optic



Flood optic

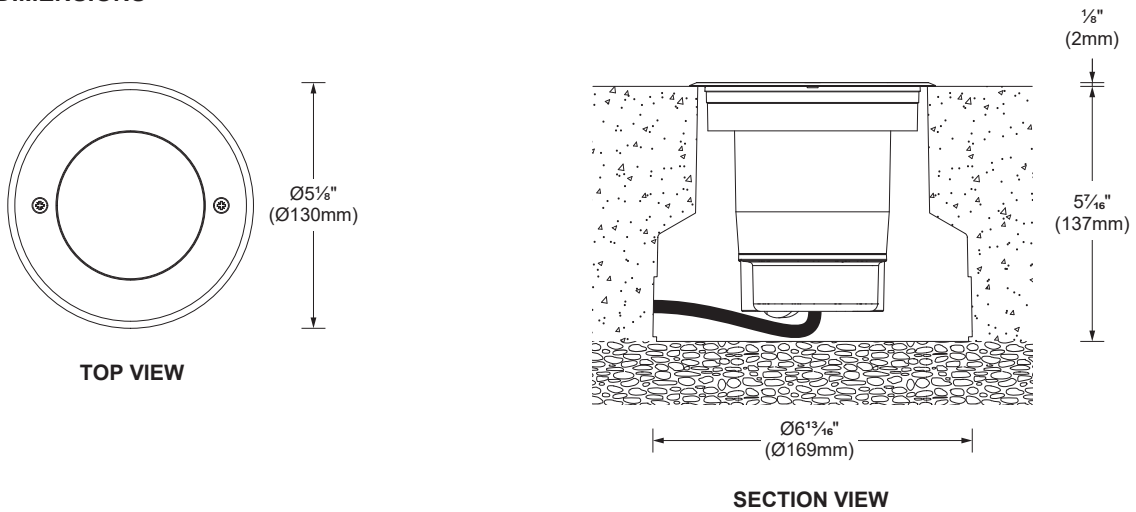


Wide flood optic



**ROUND MODELS DIMENSIONS**

**MINIZIP COMFORT**

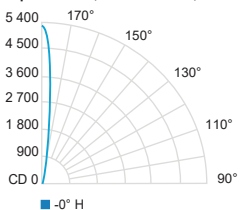


**ROUND MODELS PHOTOMETRIC DATA**

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
2700K	90	5.6W	Spot 12°	283	50	4 021	S7831H, S8831H
		8.7W	Flood 32°	411	47	1 226	S7833H, S8833H
		3W	Wide flood 83° *	31	10	15	S7805H, S8805H
		5.6W	Asymmetrical	279	49	960	S7832H, S8832H
3000K	90	5.6W	Spot 12°	305	54	5 352	S7831W, S8831W
		8.7W	Flood 32°	432	49	1 282	S7833W, S8833W
		3W	Wide flood 83° *	31	10	15	S7805W, S8805W
		5.6W	Asymmetrical	307	54	1 038	S7832W, S8832W
4000K	90	5.6W	Spot 12°	345	61	5 476	S7831N, S8831N
		8.7W	Flood 32°	458	52	1 346	S7833N, S8833N
		3W	Wide flood 83° *	33	11	16	S7805N, S8805N
		5.6W	Asymmetrical	355	63	1 543	S7832N, S8832N

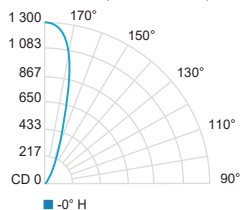
Efficacy based on IESNA LM-79 test reports. Visit [sisternalux.com](http://sisternalux.com) for complete photometric data.  
\*Frosted lens.

Spot 12° (3000K, 90CRI)



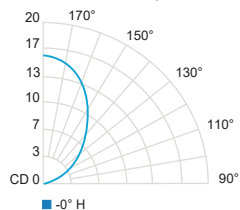
Center beam fc	Beam width ft
2ft	1 338 0.4
4ft	335 0.9
6ft	149 1.3
8ft	83.6 1.7
10ft	53.5 2.1
12ft	37.2 2.6

Flood 32° (3000K, 90CRI)



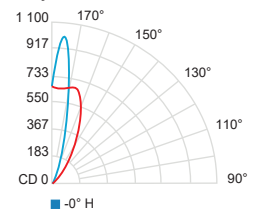
Center beam fc	Beam width ft
2ft	321 1.1
4ft	80.2 2.3
6ft	35.6 3.4
8ft	20.0 4.6
10ft	12.8 5.7
12ft	8.91 6.8

Wide flood 83° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft	3.90 3.5
4ft	0.98 7.0
6ft	0.43 10.6
8ft	0.24 14.1
10ft	0.16 17.6
12ft	0.11 21.1

Asymmetrical 13°-57° (3000K, 90CRI)

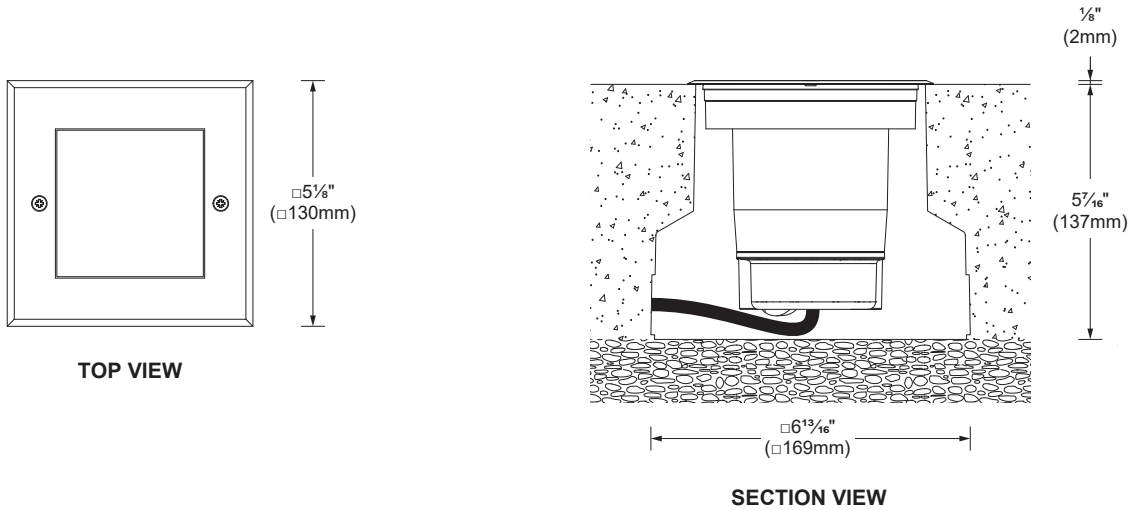


Center beam fc	Beam width ft
2ft	129 0.4 2.3
4ft	32.2 0.8 4.7
6ft	14.3 1.3 7.0
8ft	8.04 1.7 9.4
10ft	5.15 2.1 11.7
12ft	3.57 2.5 14.1



**SQUARE MODELS DIMENSIONS**

**MINIZIP COMFORT**



**SQUARE MODELS PHOTOMETRIC DATA**

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
2700K	90	7.1W	Spot 12°	451	63	7 079	S7835H, S8835H
		8.7W	Flood 32°	411	47	1 226	S7837H, S8837H
		3W	Wide flood 83° *	31	10	15	S7825H, S8825H
		7.1W	Asymmetrical	448	63	1 647	S7836H, S8836H
3000K	90	7.1W	Spot 12°	488	68	7 815	S7835W, S8835W
		8.7W	Flood 32°	432	49	1 282	S7837W, S8837W
		3W	Wide flood 83° *	31	10	15	S7825W, S8825W
		7.1W	Asymmetrical	477	67	1 653	S7836W, S8836W
4000K	90	7.1W	Spot 12°	500	70	8 245	S7835N, S8835N
		8.7W	Flood 32°	458	52	1 346	S7837N, S8837N
		3W	Wide flood 83° *	33	11	16	S7825N, S8825N
		7.1W	Asymmetrical	493	69	1 815	S7836N, S8836N

Efficacy based on IESNA LM-79 test reports. Visit [sisternalux.com](http://sisternalux.com) for complete photometric data.  
\*Frosted lens.

