

Ground or Wall mounted luminaire with symmetric light distribution that provides ambient light on vertical surfaces. Suitable for exterior applications.

Luminaire characteristics:

MODEL	POWER	OPTIC	LUMEN (lm)*	EFFICACY (lm/W)*	MAX CANDELA (cd)*
S7282W	7W	Accent light	254	36	125
S7281W	11W		562	51	270
S7280W	20W		1 200	60	598

*For 3000K, 90CRI

Source:	LED module 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 70 000 hours (L80 B10) Ta 77°F (25°C) 80% of initial lumens at 50 000 hours (L80 B10) Ta 104°F (40°C) (LM-80)
Optics:	Accent light.
Material:	Body: Die-cast aluminum Diffuser: Clear tempered glass. Methacrylate concentrating lens combined with a narrow beam shutter is used to achieve a blade of light effect. Hardware: Stainless steel screws and silicone gaskets
Electrical:	Universal high efficiency electronic LED driver rated at 50 000 hours. See remote led option on page 3.
Dimming:	Optional 0-10V (120-277V), down to 1% for integral and for remote version. Optional LTE (leading and trailing edge), down to 1% for remote version only.
Mounting:	See mounting options on page 4.
Finish:	White (01), black (09) or aluminum gray (14) painted finish, following 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. Other premium finishes available: green (07), burnished bronze (20) and anthracite gray (24). Resistance test protection Marine applications : 1200h. We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip. Similar RAL numbers: White RAL9016, black RAL9005, aluminum gray RAL9006, green RAL6028, burnished bronze RAL8019 and anthracite gray RAL9007.
Weight:	S7282: 1.96lb (0.89kg) S7281: 3.40lb (1.54kg). S7280: 1.37lb (0.62kg)
Warranty:	5 year limited warranty.
Ratings:	IP54, IK06
Certification:	cULus listed for wet location



ORDERING INFO



PRODUCT CODE

MODEL	LED	MOUNTING	VOLTAGE	FINISH	DIMMING
S7282 Microcool square	H 2700K,90CRI	DF^{1 5} Surface mounted with direct feed	120² 120V	01 White <input type="checkbox"/>	ND No dimming
S7281 Minicool square	W 3000K,90CRI	JB¹ Surface mounted junction box	UNV¹ 120V-277V	09 Black <input type="checkbox"/>	D10⁴ 0-10V
S7280 Cool square	N 4000K,80CRI	J2⁶ Recessed mounted flush with surface	REM³ Remote	14 Aluminium gray <input type="checkbox"/>	
				PREMIUM	
				07 Dark Green <input type="checkbox"/>	
				20 Burnished bronze <input type="checkbox"/>	
				24 Anthracite gray <input type="checkbox"/>	

- 1 Not available with S7282 model.
- 2 Available with S7282 only.
- 3 For remote option, see page 3 for drivers and dimming options.
- 4 Available for UNV voltage.
- 5 Available for REM voltage only.
- 6 Not available with UNV voltage.

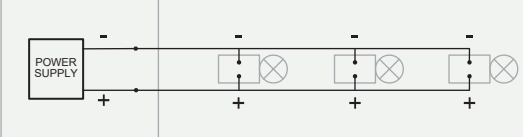
REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

INDOOR RATED Driver box model	Max distance*	Min-max units		
		Micro cool - S7282 4.1W*	Mini cool square - S7281 8.4W*	Cool square - S7280 16.9W*
4549-0024-060-UNV-ND	30ft (9m)	1-13	1-7	1-3
4549-0024-060-UNV-D10	30ft (9m)	1-13	1-7	1-3
4549-0024-090-UNV-ND	20ft (6m)	3-21	2-10	1-5
4549-0024-090-UNV-D10	20ft (6m)	3-21	2-10	1-5

OUTDOOR RATED Driver box model	Max distance*	Min-max units		
		Micro cool - S7282 4.1W*	Mini cool square - S7281 8.4W*	Cool square - S7280 16.9W*
4448-0024-060-UNV-ND	30ft (9m)	1-13	1-7	1-3
4448-0024-060-UNV-D10	30ft (9m)	1-13	1-7	1-3
4448-0024-090-UNV-ND	20ft (6m)	3-21	1-8	1-5
4448-0024-090-UNV-D10	20ft (6m)	3-21	2-10	1-5
4551-0024-080-120-LTE	75ft (22m)	1-12 (5-12w/dim)	1-6 (3-6w/dim)	1-3 (2-3w/dim)

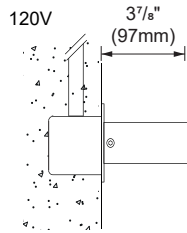
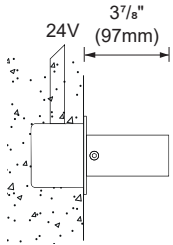
*wattage requirement for one (1) fixture (remote fixture only)

DRIVER BOX MODEL DESCRIPTION

MODEL	OUTPUT VOLTAGE	POWER	INPUT VOLTAGE	DIMMING PROTOCOL	
4448 10" x 8" x 4" (254 x 203 x 102mm)	0024 24Vdc	060 to 090 60W to 90W	UNV 120-277V	D10 0-10V down to 1%	<p>*Max distance cable calculated for 18AWG cable. Contact customer service for longer remote distance.</p> <p>WIRING DIAGRAM Multiple luminaires must be connected in parallel</p> 
4549 14.5" x 5" x 2" (368 x 127 x 51mm)				LTE Leading and trailing edge (ELV and TRIAC) down to 1%	
4551 14.5" x 5" x 2" (368 x 127 x 51mm)				ND No dimming	

MOUNTING OPTIONS

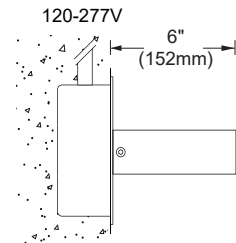
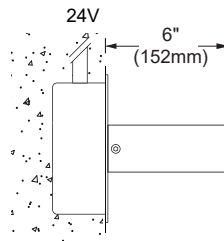
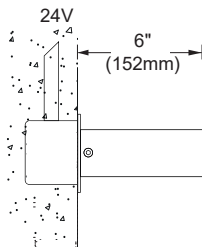
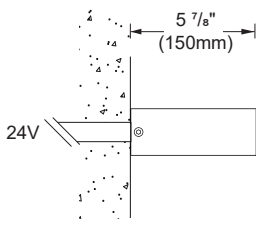
MICROCOOL SQUARE S7282



J2-REM - 2" junction box with remote power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep

J2-120 - 2" junction box with integral power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep.

MINICOOL SQUARE S7281



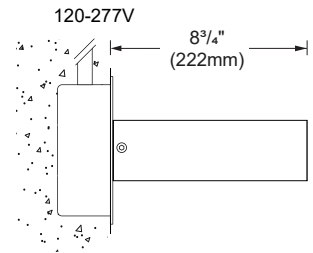
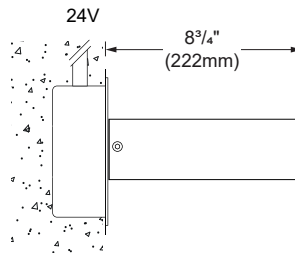
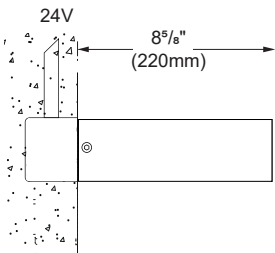
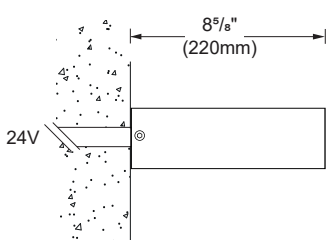
DF-REM - Direct feed with remote power supply.
Connections made inside fixture (18AWG only). Ø3/8" power cable. Installed directly to surface.

J2-REM - 2" junction box with remote power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep

JB-REM - 4" junction box with remote power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep.

JB-UNV - 4" junction box with integral power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep.

COOL SQUARE S7280



DF-REM - Direct feed with remote power supply.
Connections made inside fixture (18AWG only). Ø3/8" power cable. Installed directly to surface.

J2-REM - 2" junction box with remote power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep

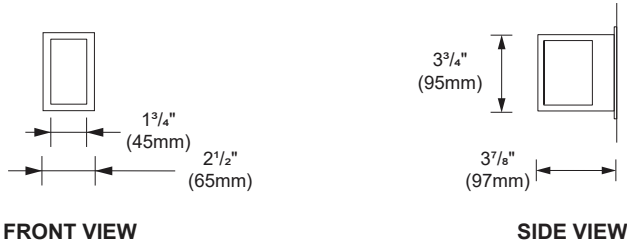
JB-REM - 4" junction box with remote power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep.

JB-UNV - 4" junction box with integral power supply.
Mounting adapter plate for junction box installation.
Min 1 1/2" (38mm) deep.

DIMENSIONS

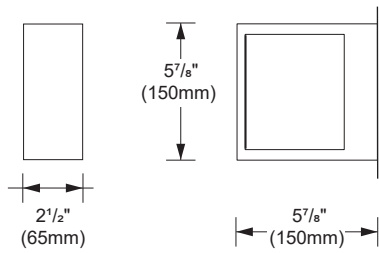
MICROCOOL SQUARE
S7282

J2

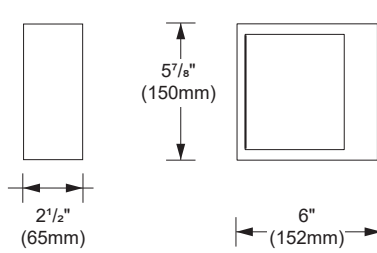


MINICOOL SQUARE
S7281

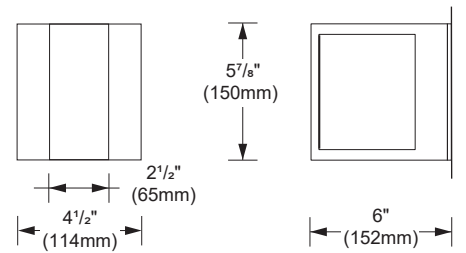
DF



J2

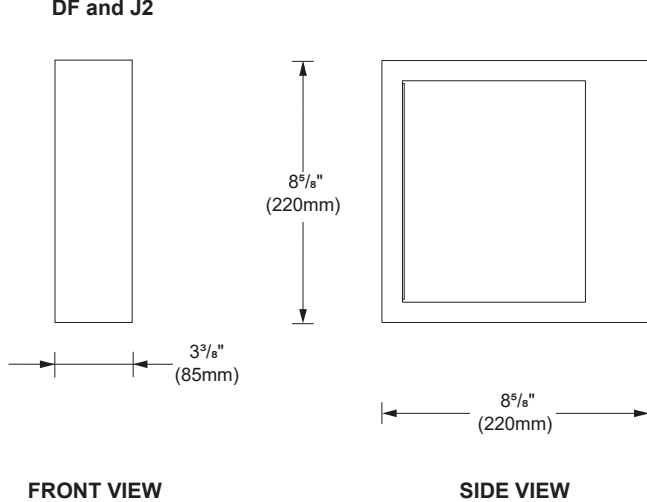


JB

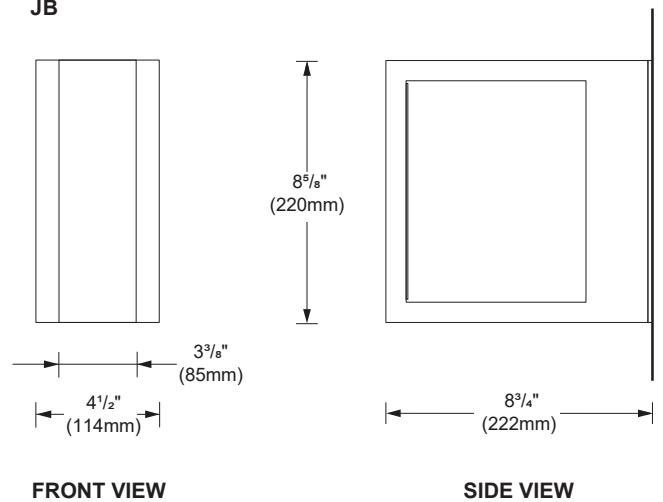


COOL SQUARE
S7280

DF and J2



JB



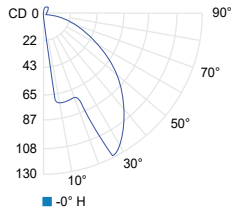
PHOTOMETRIC DATA

Visit sistemalux.com for complete photometric data.

CCT (K)	CRI	POWER* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	B U G	MODELS
3000	90	7	Accent light	254	36	125	B0 U2 G0	S7282W

*Wattage given for integral version. For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected.

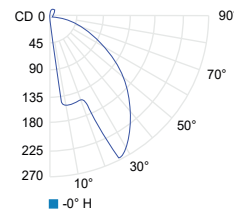
Accent light (3000K, 90 CRI)



CCT (K)	CRI	POWER* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	B U G	MODELS
3000	90	11	Accent light	562	51	270	B0 U2 G0	S7281W

*Wattage given for integral version. For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected.

Accent light (3000K, 90 CRI)



CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
Multiplier	0.94	1	1.08

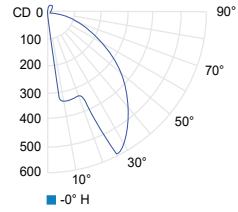
PHOTOMETRIC DATA

Visit sistimalux.com for complete photometric data.

CCT (K)	CRI	POWER* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	B U G	MODELS
3000	90	20	Accent light	1200	62	598	B1 U3 G1	S7280W

*Wattage given for integral version. For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected.

Accent light (3000K, 90 CRI)



CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
Multiplier	0.97	1	1.02

*Based on the Aluminum Gray finish, please note that the photometric data may vary depending on the luminaire finish.