

Skill is a unique LED luminaire, assuring high lighting performance and total absence of glare. The most modern electronic technology is contained in the thickness of only 3 cm and provides an excellent quality of light while saving energy.

**Luminaire characteristics:** Power input system: 4.7W to 18.3W  
Lumens system for 3000K, 90CRI: 141lm to 785lm  
Luminaire efficacy for 3000K, 90CRI: Up to 43lm/W

**Source:** LED Module (LM-80 tested)  
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)

**Optics:** Accent light.

**Material:** Body: Die-cast aluminum  
Diffuser: Toughened glass.

**Mounting:** See mounting options on page 4.

**Electrical:** High efficiency electronic power supply, rated at 50 000 hours, 120-277V. See remote LED Driver options on page 3.

**Dimming** 0-10V down to 10% (120-277V), see page 3 for available remote options.

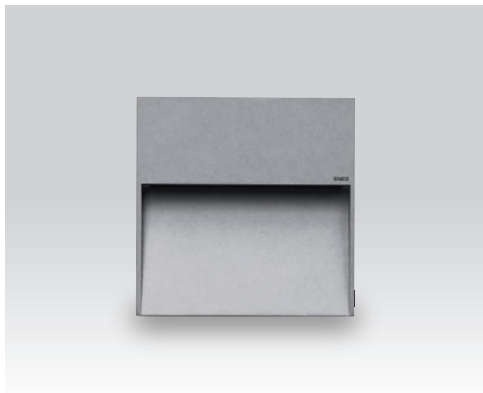
**Finish:** White, aluminum gray or anthracite gray painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.

**Weight:** Miniskill vertical: 0.95lb (0.43kg)  
Miniskill square: 1.1lb (0.5kg)  
Miniskill round: 0.99lb (0.45kg)  
Skill square: 2.93lb (1.33kg)  
Skill square large: 6.53lb (2.96kg)  
Skill round: 2.67lb (1.21kg)  
Skill rectangular: 2.79lb (1.26kg)

**Warranty:** 5 year limited warranty.

**Ratings:** IP65, IK08

**Certification:** cULus listed for wet location



## ORDERING INFO

FIXTURE

BACK BOX

### MODEL

- S6230** - Miniskill vertical     
  **S6260** - Skill square     
  **S6240** - Skill rectangular  
 **S6250** - Miniskill square     
  **S6255** - Skill square large <sup>(1)</sup>  
 **S6270** - Miniskill round     
  **S6280** - Skill round

### LED

- H** - 2700K, 90CRI     
  **W** - 3000K, 90CRI     
  **N** - 4000K, 80CRI

### MOUNTING <sup>(2)</sup>

- DF** - Surface mounted with direct feed     
  **JB** - Surface mounted junction box     
  **FM** - Recessed mounted flush with surface     
  **J2** - Surface mounted single gang box  
 **FW** - Surface mounted with fixture whip

### VOLTAGE

- UNV** - 120-277V     
  **REM** - Remote

### FINISH

- 01** - White     
  **14** - Aluminum     
  **24** - Anthracite gray

### DIMMING

- D10** - 0-10V <sup>(3) (4)</sup>

<sup>(1)</sup> Available with surface mounted junction box and 120-277V (**JB-UNV**) or flush mount and remote (**FM-REM**).

<sup>(2)</sup> See previous page 4-5 for model availability.

<sup>(3)</sup> Available with **6250, 6260, 6270, 6280, 6255** models.

<sup>(4)</sup> Available with 120-277V (**UNV**) voltage.

**REMOTE POWER SUPPLY OPTIONS**  
(TO BE ORDERED SEPARATELY)

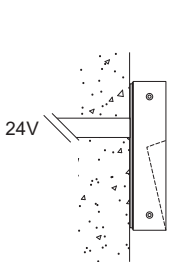
							Miniskill S6230 / 50 / 70	Skill S6260 / 80	Skill Rectangular S6240
							5.2W*	11W*	12W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimension	Max distance**	Min-Max Units		
<input type="checkbox"/> <b>4444-0024-020-120-ND</b>							1-3	1	1
20	120V	Indoor	None	None	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)			
<input type="checkbox"/> <b>4448-0024-060-UNV-ND</b>							1-11	1-5	1-5
60	120-277V	Indoor	None	None	10" x 8" x 4" (254 x 203 x 102mm)	30ft(9m)			
<input type="checkbox"/> <b>4549-0024-075-UNV-D10</b>							1-14	1-6	1-6
75	120-277V	Outdoor	0-10V	Down to ±10%	8" x 1" x 2" (203 x 25 x 51mm)	30ft(9m)			
<input type="checkbox"/> <b>4545-0024-075-UNV-ND</b>							1-14	1-6	1-6
75	120-277V	Outdoor	None	None	11" x 3" x 2" (279 x 76 x 51mm)	30ft(9m)			
<input type="checkbox"/> <b>4551-0024-080-120-LTE</b>							1-15 Dim 6-15	1-7 Dim 3-7	1-6 Dim 3-6
80	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	14" X 5" X 2" (356 X 127 X 51mm)	30ft(9m)			
<input type="checkbox"/> <b>4448-0024-150-UNV-D10</b>							1-28	1-13	1-12
150	120-277V	Indoor	0-10V	Down to ±10%	10" x 8" x 4" (254 x 203 x 102mm)	25ft (7.5m)			
<input type="checkbox"/> <b>4546-0024-200-2C-UNV-ND</b>							1-38	1-18	1-16
200	120-277V	Outdoor	None	None	12" X 5" X 2" (305 X 127 X 51mm)	30ft (9m) Per channel			

\* Wattage requirement for one (1) fixture (Remote fixture only).

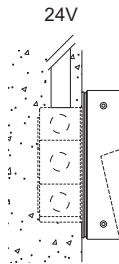
\*\* Contact factory for longer remote distance.

**MOUNTING OPTIONS**

**Miniskill**  
(S6250 - S6270)



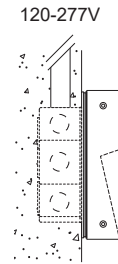
**DF-REM** - Direct feed with remote power supply. Connections made inside fixture. Max 2x18AWG. Installed directly to surface.



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

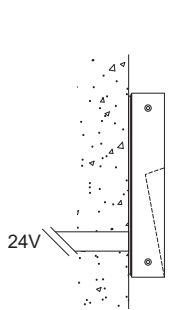


**FM-REM** - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6256** for model **S6250** (square) and **S6278** for model **S6270** (round). Min 2 1/2" (73mm) deep

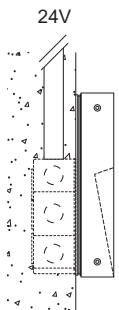


**JB-UNV** - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1 1/2" (38mm) deep

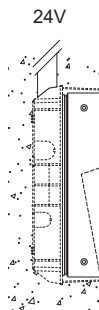
**Skill**  
(S6240 - S6260 - S6280)



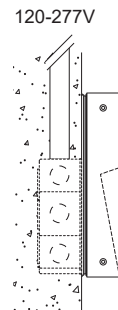
**DF-REM** - Direct feed with remote power supply. Connections made inside fixture (14-18AWG only). Max Ø3/8" power cable. Installed directly to surface.



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

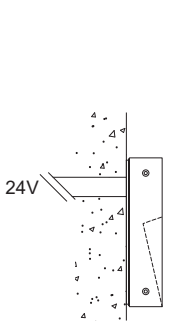


**FM-REM** - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6247** for model **S6240** (rectangular), **S6268** for model **S6260** (square) and **S6288** for model **S6280** (round). Min 2 1/2" (73mm) deep

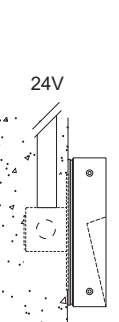


**JB-UNV** - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1 1/2" (38mm) deep

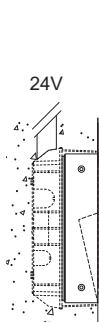
**Miniskill Vertical**  
(S6230)



**FW-REM** - Fixture whip to remote power supply. Installed directly to surface with recessed pipe, exposed cable or electrical conduit.

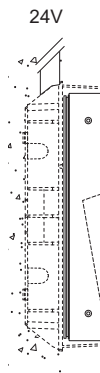


**J2-REM** - 2" junction box with remote power supply. Mounting adapter plate for junction box installation. Min 1 1/4" (48mm) deep

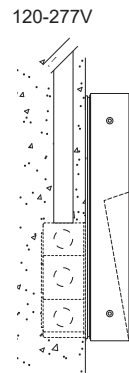


**FM-REM** - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6239**. Min 2 1/4" (73mm) deep

**Skill Square Large**  
(S6255)



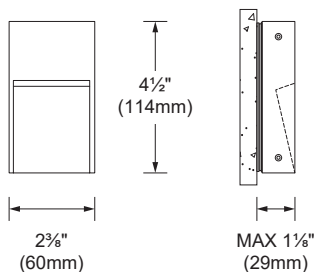
**FM-REM** - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6257**. Min 2 1/4" (73mm) deep



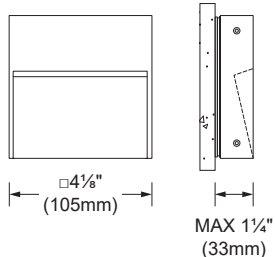
**JB-UNV** - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1 1/2" (38mm) deep

**DIMENSIONS**

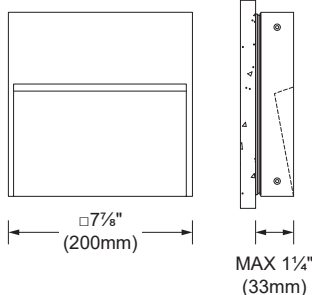
**Miniskill vertical**  
S6230



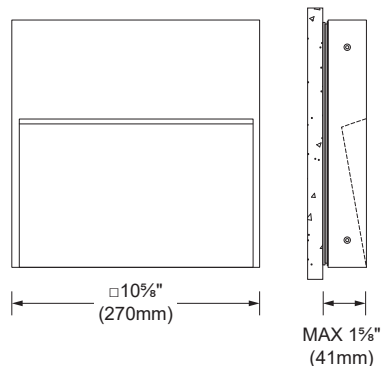
**Miniskill Square**  
S6250



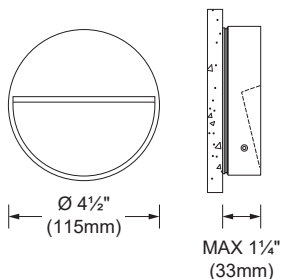
**Skill Square**  
S6260



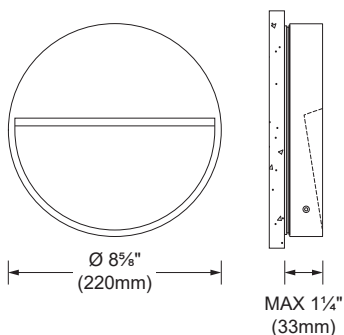
**Skill Square Large**  
S6255



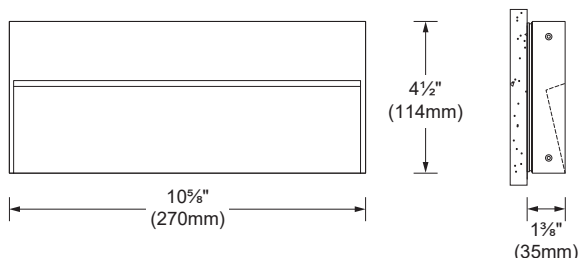
**Miniskill Round**  
S6270



**Skill Round**  
S6280



**Skill Rectangular**  
S6240



## PHOTOMETRIC DATA

Visit [sistemalux.com](http://sistemalux.com) for complete photometric data.

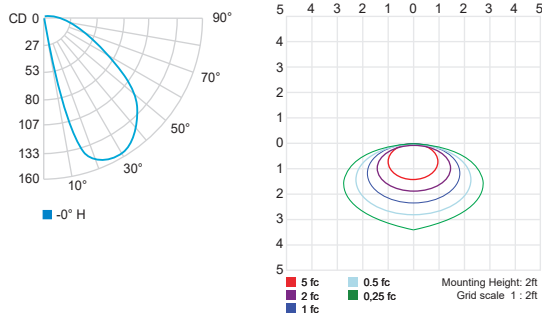
### Mini Skill Vertical



CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	4.7W	Accent light	141	30	159	S6230W

\* For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

#### Accent light (3000K, 90CRI)

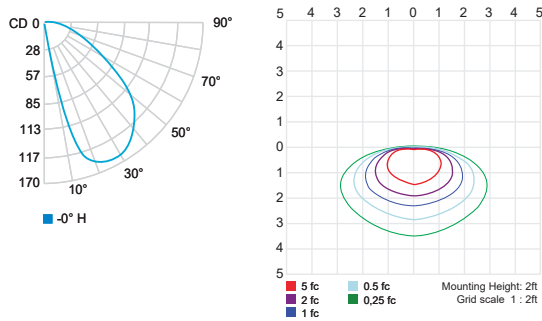


### Miniskill Square



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	5W	Accent light	169	34	160	S6250W

#### Accent light (3000K, 90CRI)

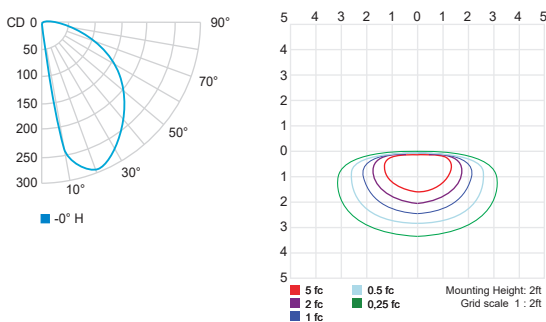


### Skill Square



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	10.1W	Accent light	382	38	320	S6260W

#### Accent light (3000K, 90CRI)

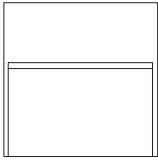


CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>

## PHOTOMETRIC DATA

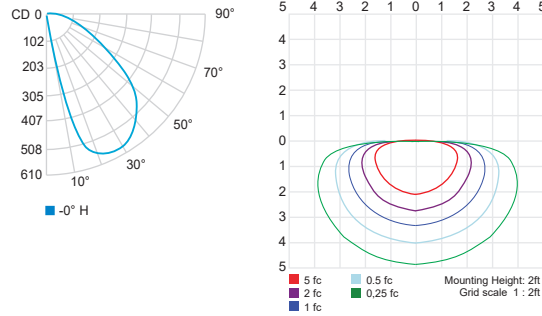
Visit [sistimalux.com](http://sistimalux.com) for complete photometric data.

### Skill Square Large



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	18.3W	Accent light	785	43	600	S6255W

Accent light (3000K, 90CRI)

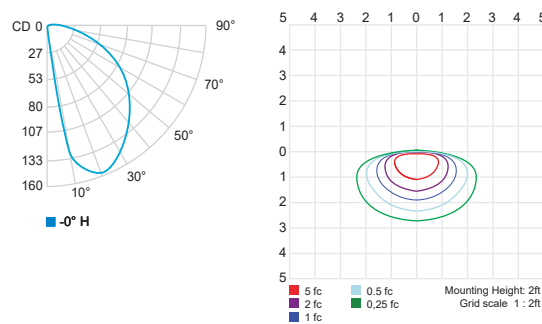


### Miniskill Round

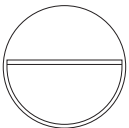


CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	5W	Accent light	169	34	151	S6270W

Accent light (3000K, 90CRI)

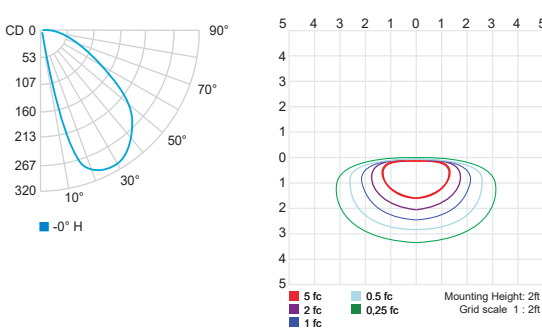


### Skill Round



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	10.1W	Accent light	382	36	317	S6280W

Accent light (3000K, 90CRI)

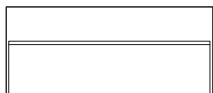


CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>

**PHOTOMETRIC DATA**

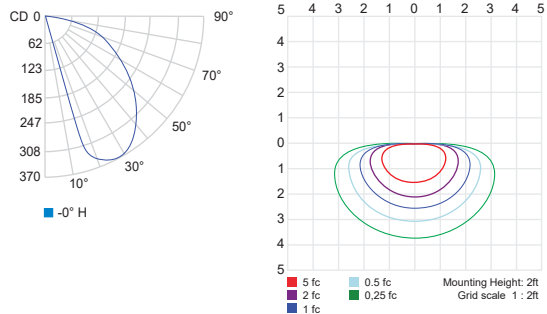
Visit [sistemalux.com](http://sistemalux.com) for complete photometric data.

**Skill Rectangular**



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	13.1W	Accent light	421	32	363	S6240W

Accent light (3000K, 90CRI)



CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>