SKILL
SURFACE MOUNTED - FLUSH MOUNTED

Type:

Project :

SPECIFICATION SHEET

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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:

MODEL	POWER (W)	OPTIC	LUMENS (lm)*	EFFICACY (lm/W)*	MAX CANDELA (cd)*
S6230	5.5W	Accent light	158	29	159
S6250	5W		185	37	178
S6270			185	37	164
S6240	11W		437	40	369
S6255	20W		825	41	558
S6260	10W		451	45	379
S6280			427	43	340

*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 tested)
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 1% (120-277V), Triac and ELV down to 0.1%. See dimmable remote options on page 3.
Finish: *Standard finish* 01 14 24 *Premium finishes* 07 09 20	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. See page 2 for other premium finishes available (green, black & burnished bronze).
Operating temperature:	-4°F to 122°F (-20°C to 50°C)
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

DM - R15   Last update: July 17, 2025

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ORDERING INFO

CLICK HERE

CONFIGURE

PRODUCT CODE

BACK BOX

MODEL	LED	MOUNTING[1]	VOLTAGE	FINISH	DIMMING
S6230 Miniskill vertical	**H** 2700K,90CRI	**DF[2]** Surface mounted with direct feed	**UNV[5]** 120V-277V	**01** White	**D10[7]** 0-10V
S6250 Miniskill square	**W** 3000K,90CRI	**JB[3]** Surface mounted junction box	**REM[6]** Remote	**14** Aluminum gray	
S6270 Miniskill round	**N** 4000K,80CRI	**FM** Recessed mounted flush with surface		**24** Anthracite gray	
S6260 Skill square				*PREMIUM*	
S6255 Skill square large		**J2[4]** Surface mounted single gang box		**07** Green	
S6280 Skill round		**FW[4]** Surface mounted with fixture whip		**09** Black	
S6240 Skill rectangular				**20** Burnished bronze	

1 See page 4 for mounting details and availability.
2 Not available with **S6230** and **S6255** models.
3 Not available with **S6230**.
4 Available only with **S6230**.
5 Available for **JB** mounting only.
6 Not available for model **S6255** with **JB** mounting.
7 Available for **UNV** voltage. Not available for **S6240** model.

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REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

OUTDOOR RATED Driver box model	Max distance**	Min-max units				
		Miniskill S6250 / 70 3.6W*	Miniskill Vertical S6230 4.7W*	Skill S6260 / 80 7.2W*	Skill Rectangular S6240 8.4W*	Skill Large S6255 17W*
4549-0024-060-UNV-D10	30ft (9m)	2-15	2-12	1-8	1-7	1-3
4549-0024-060-UNV-ND		2-15	2-12	1-8	1-7	1-3
4549-0024-090-UNV-D10	20ft (6m)	16-22	13-18	8-11	8-9	2-5
4549-0024-090-UNV-ND		16-22	13-18	8-11	8-9	2-5
4551-0024-080-120-LTE	45ft (14m)	8-19	6-16	4-10	4-10	2-4

INDOOR RATED Driver box model	Max distance**	Min-max units				
		Miniskill S6250 / 70 3.6W*	Miniskill Vertical S6230 4.7W*	Skill S6260 / 80 7.2W*	Skill Rectangular S6240 8.4W*	Skill Large S6255 17W*
4448-0024-060-UNV-D10	30ft (9m)	2-15	2-12	1-8	1-7	1-3
4448-0024-060-UNV-ND		2-15	2-12	1-8	1-7	1-3
4448-0024-090-UNV-D10	20ft (6m)	16-22	13-18	8-11	8-9	2-5
4448-0024-090-UNV-ND		16-22	13-18	8-11	8-9	2-5

* Wattage requirement for one (1) fixture (Remote fixture only).
**Considering 1V drop with 18AWG cable. Consult factory for longer remote distance.

DRIVER BOX MODEL DESCRIPTION

MODEL	CONSTANT VOLTAGE	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4448 10" x 8" x 4" (254 x 203 x 102mm) **4549** 14.5" x 5" x 3.5" (368 x 127 x 89mm) **4551** 6" x 4.5" x 3" (368 x 127 x 51mm)	**0024** 24Vdc	**060 to 090** 60W to 90W	**UNV** 120-277V **120** 120V	**ND** No dimming **D10** 0-10V (down to 1%) **LTE** Leading and trailing edge (ELV and TRIAC) (down to 0.1%)

WIRING DIAGRAM
Multiple luminaires must be connected in parallel

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MOUNTING OPTIONS

Miniskill
(S6250 - S6270)

24V   24V   24V   120-277V
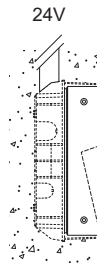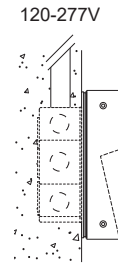

24V
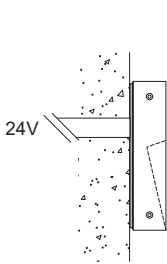
DF-REM - Direct feed with remote power supply. Connections made inside fixture Max 2x18AWG Installed directly to surface.
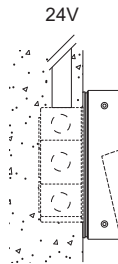
JB-REM - 4" junction box with remote power supply. Mounting adapter plate for junction box installation. Min 1½" (38mm) deep
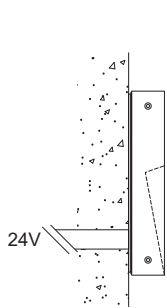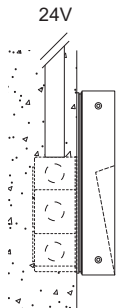
FM-REM - Recessed mounted flush with surface. Cast in concrete application, supplied with back box **S6256** for model **S6250** (square) and **S6278** for model **S6270** (round) Min 2⅞" (73mm) deep

JB-UNV - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1½" (38mm) deep
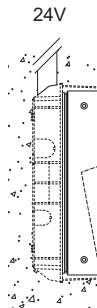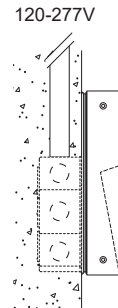
Skill
(S6240 - S6260 - S6280)

24V   24V   120-277V

24V

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 1½" (38mm) deep
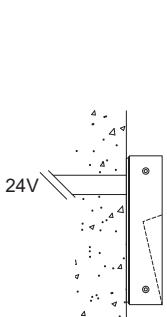
FM-REM - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6247** for model **S6240** (rectangular), **S6268** for model **S6260** (square) and **S6288** for model **S6280** (round) Min 2⅞" (73mm) deep
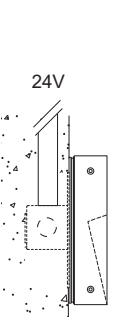
JB-UNV - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1½" (38mm) deep
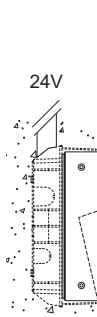
Miniskill Vertical
(S6230)

Skill Square Large
(S6255)

24V   24V   24V   24V   120-277V

24V

FW-REM - Fixture whip to remote power supply. Installed directly to surface with recessed pipe, or electrical conduit.
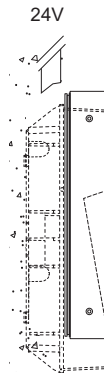
J2-REM - 2" junction box with remote power supply. Mounting adapter plate for junction box installation. Min 1⅞" (48mm) deep
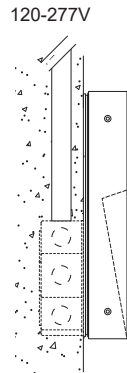
FM-REM - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6239.** Min 2⅞" (73mm) deep

FM-REM - Recessed mounted flush with surface. Remote power supply. Cast in concrete application, supplied with back box **S6257.** Min 2⅞" (73mm) deep

JB-UNV - 4" junction box with integral power supply. Mounting adapter plate for junction box installation. Min 1½" (38mm) deep

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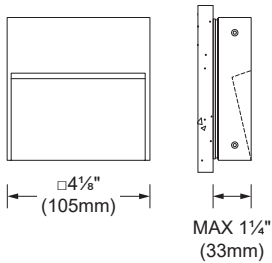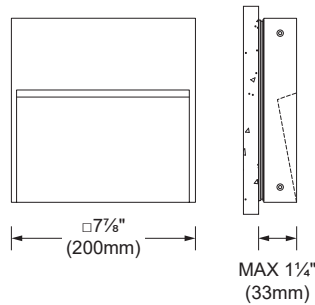
SPECIFICATION SHEET

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DIMENSIONS

Miniskill vertical
S6230

4½"
(114mm)

2⅜"
(60mm)

MAX 1⅛"
(29mm)

Miniskill Square
S6250

□4⅛"
(105mm)

MAX 1¼"
(33mm)

Skill Square
S6260
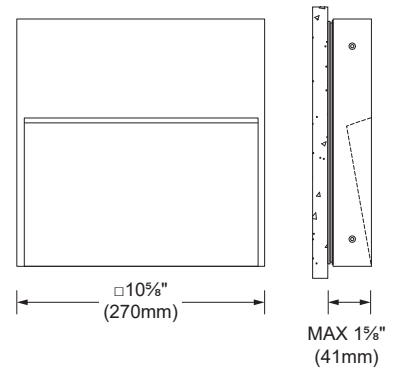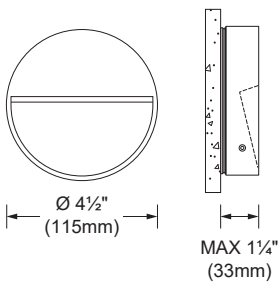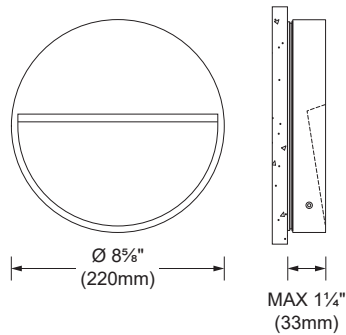
□7⅞"
(200mm)

MAX 1¼"
(33mm)

Skill Square Large
S6255

□10⅝"
(270mm)

MAX 1⅝"
(41mm)

Miniskill Round
S6270

Ø 4½"
(115mm)

MAX 1¼"
(33mm)

Skill Round
S6280

Ø 8⅝"
(220mm)

MAX 1¼"
(33mm)

Skill Rectangular
S6240

4½"
(114mm)

10⅝"
(270mm)

1⅜"
(35mm)

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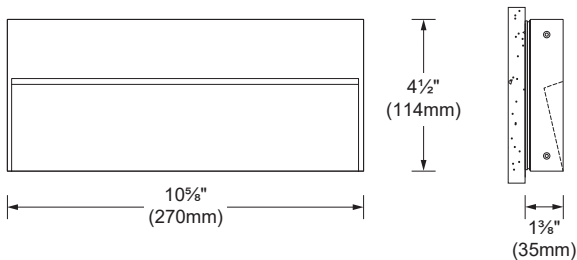
PHOTOMETRIC DATA

Visit sistemalux.com for complete photometric data.

Miniskill Vertical

CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	5.5W	Accent light	158	29	159	B0 U1 G0	S6230W

*For remote product, power can vary with the selected driver.

Accent light (3000K, 90CRI)
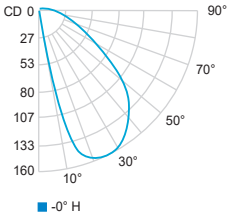
Miniskill Square

CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	5W	Accent light	185	37	178	B0 U1 G0	S6250W

*For remote product, power can vary with the selected driver.
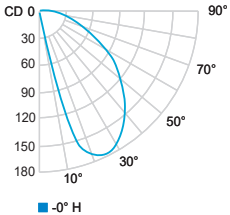
Accent light (3000K, 90CRI)

Skill Square

CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	10W	Accent light	451	45	379	B0 U1 G1	S6260W

*For remote product, power can vary with the selected driver.
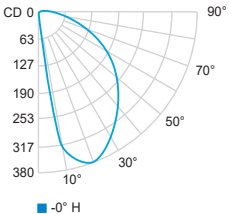
Accent light (3000K, 90CRI)

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

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports.

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PHOTOMETRIC DATA
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Skill Square Large
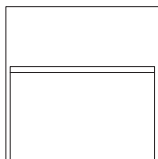
CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	20W	Accent light	825	41	558	B0 U2 G1	S6255W

*For remote product, power can vary with the selected driver.

Accent light (3000K, 90CRI)
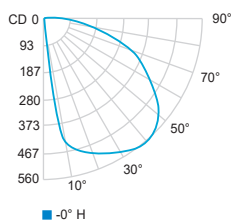
Miniskill Round

CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	5W	Accent light	185	37	164	B0 U1 G0	S6270W

*For remote product, power can vary with the selected driver.
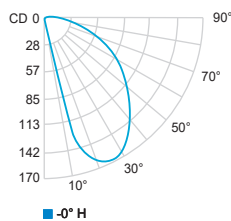
Accent light (3000K, 90CRI)

Skill Round
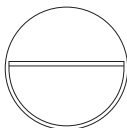
CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	10W	Accent light	427	43	340	B0 U1 G0	S6280W

*For remote product, power can vary with the selected driver.

Accent light (3000K, 90CRI)

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

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports.

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PHOTOMETRIC DATA
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Skill Rectangular

CCT (K)	CRI	POWER (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	BUG	MODEL
3000K	90	11W	Accent light	437	40	369	B0 U1 G1	S6240W

*For remote product, power can vary with the selected driver.
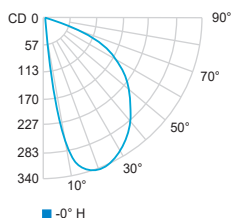
Accent light (3000K, 90CRI)

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

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports.

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