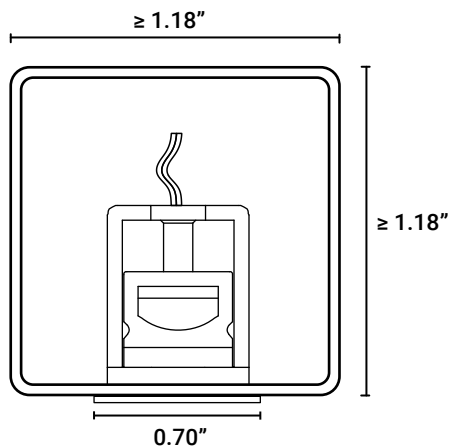
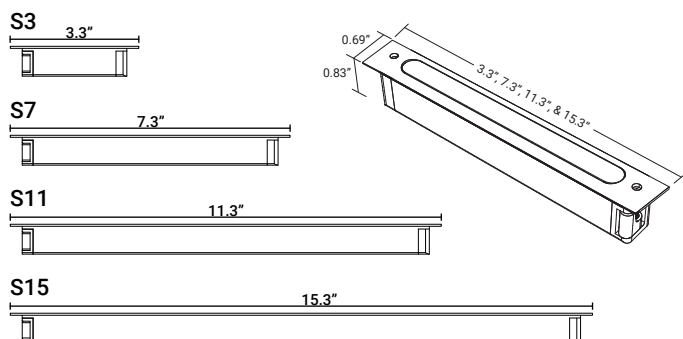




S18S SLOT MODULES



Dimensions



FEATURES

Slot modules cast a focused, downward glow to illuminate every step, minimizing missteps and providing clear visual guidance. Engineered for maximum visual comfort, these individual LED modules can be installed into square handrails greater than 1.18" in size, delivering a subtle radiance that remains entirely out of the direct line of sight. This precise downward beam eliminates glare and unwanted uplighting, curbing sky glow while ensuring pathways stay brightly defined.

LUMENS	35L - 245L
CCT	27K/30K/35K/40K
DIMMING	0-10V Dimming
CRI	90+ CRI
VOLTAGE	24v DC - Constant Voltage
IP RATING	IP 67
BEAM PATTERNS	Narrow 10° / Diffuse 110°
WORKING TEMPERATURE	-4° F to 113° F
LIFETIME (TM-21)	L70 > 55,000 hours

OPTICS

Slot Modules deliver a focused, downward glow that defines each step and improves visibility along the path of travel. Optical options include a 110° diffuse soft glow for smooth, even illumination and a narrow 10° beam for casting light along the length of the handrail. The controlled downward output minimizes glare and uplight while keeping the source out of direct view.

CONSTRUCTION

Each Slot Module uses an IP67 sealed light engine to protect internal components from moisture, dust, and outdoor exposure. The low-profile design integrates cleanly into square handrails while maintaining a discreet architectural appearance suited for both modern and traditional environments.

INSTALLATION

Slot Modules are designed for installation into square handrails greater than 1.18" in size. Each module secures from underneath the handrail using a jack screw mechanism, creating a clean installation without exposed fasteners on the top surface. Suitable for standard square handrails with wall thicknesses from 1/32" - 1/8".

DRIVERS

Power is provided by means of industry leading constant voltage LED drivers rated for universal power input from 120V to 277V at a frequency of 50-60Hz. Elite drivers produce less than 20% THD, and have a power factor of .90 to 1.00.

LISTINGS

UL Listed for Wet Location

cULus Listed for Wet Location

FCC 15 - EMI/RFI emission per FCC 47CFR part 15 at 120VAC or 277VAC

RoHS - Contains no mercury or lead and RoHS compliant

Photometric testing completed in accordance with IES LM-79 and TM-30 standards

Qualifies for California Title 24 high-efficacy LED compliance

WARRANTY

Five-year warranty for parts and components (labor not included).

REMOTE DRIVER WIRING DISTANCE

TOTAL FIXTURE WATTAGE	MAX. CABLE LENGTH FROM DRIVER TO FIXTURE				
	18G	16G	14G	12G	10G
10W	134'	215'	345'	539'	784'
20W	68'	109'	174'	272'	397'
30W	45'	72'	115'	181'	263'
40W	33'	54'	86'	135'	197'
50W	27'	43'	69'	108'	158'
60W	22'	36'	57'	90'	131'
70W	19'	31'	49'	77'	112'
80W	17'	27'	43'	68'	98'
90W	15'	24'	39'	62'	95'
100W	14'	22'	36'	56'	82'

MOD-S18S-LED

SERIES

S18S - S18S Slot
Square Profile

OPTICS

S3 - 3" Diffuse
S7 - 7" Diffuse
S11 - 11" Diffuse
S15 - 15" Diffuse
S10 - Narrow 10°

POWER

2.5 - 2.5 Watt/ft
*10W/ft for
S10 option

CCT (90 CRI)

27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K

DIMMING

DIM10 - 0-10V Dimming
F0 - Fixed Output

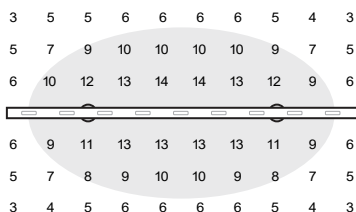
DRIVER

30W - 30 Watt
60W - 60 Watt
96W - 96 Watt

Photometric Data

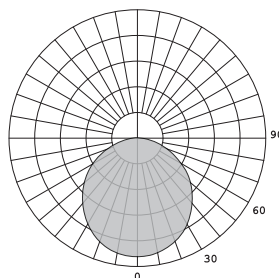


MOD-S18S-LED-S7



Rail Height: 36"
Module Spacing 1.0 ft.

S3/S7/S11/S15



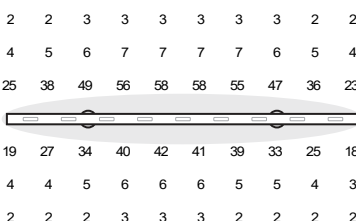
110° Diffuse

SLOT MODULES
4000K | 90 CRI | 24V

LED MODULE	BEAM ANGLE	LENGTH (in)	LUMENS (lm)	POWER (W)
S3	110°	3.3	35	.5
S7	110°	7.3	105	1.5
S11	110°	11.3	175	2.5
S15	110°	15.3	245	3.5

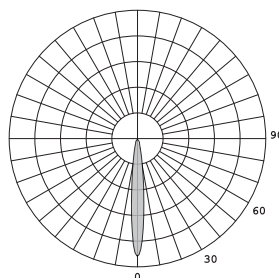


MOD-S18S-LED-S10



Rail Height: 36"
Module Spacing 1.0 ft.

S10



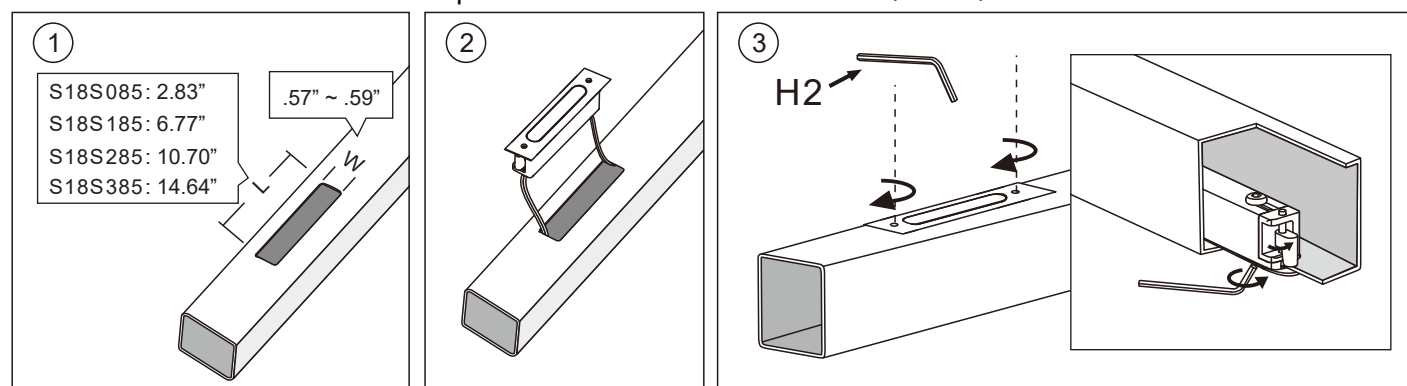
10° Narrow

SLOT MODULES
4000K | 90 CRI | 24V

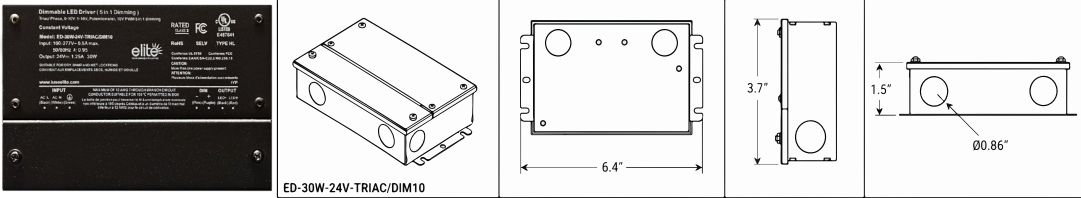
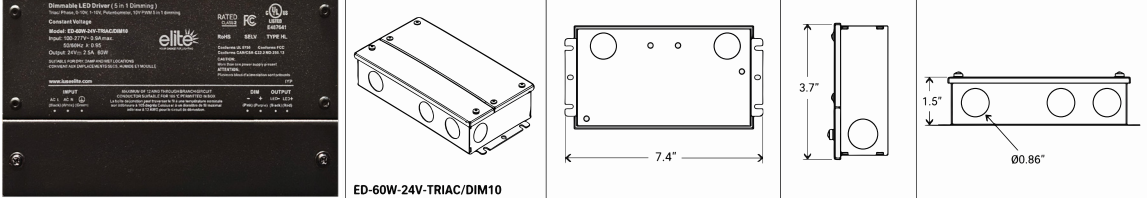
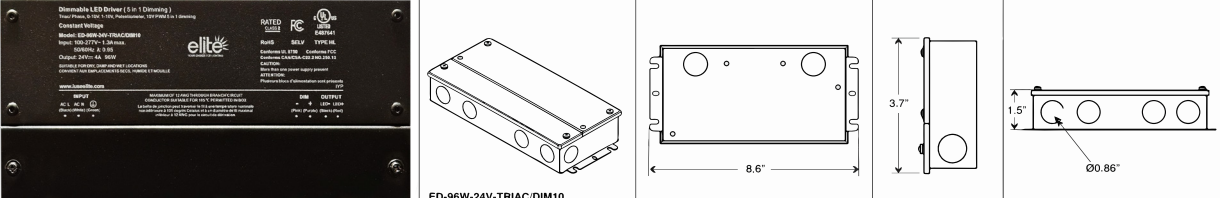
LED MODULE	BEAM ANGLE	LENGTH (in)	LUMENS (lm)	POWER (W)
S10	10°	4.3	174	3.6

LED Module Installation & Removal:

*Suitable for standard 1.18" x 1.18" square handrail and wall thickness of 1/32" - 1/8"



Remote Driver Specifications

30W	ED-30W-24V-TRIAC/DIM10  ED-30W-24V-TRIAC/DIM10
60W	ED-60W-24V-TRIAC/DIM10  ED-60W-24V-TRIAC/DIM10
96W	ED-96W-24V-TRIAC/DIM10  ED-96W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output Current	Frequency	Location	Certificate
ED-30W-24V-TRIAC/DIM10	100-277VAC	24V	30W	1.25A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS
ED-60W-24V-TRIAC/DIM10	100-277VAC	24V	60W	2.50A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS
ED-96W-24V-TRIAC/DIM10	100-277VAC	24V	90W	4A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

LED Module Wiring

Suitable for class 2 power, maximum load not to exceed 100W

