

Project Name:

Type:

Quantity:

Alcon 14120 In-Ground Linear 1-Inch Recessed 24V Driveway Light

FIXTURE SPECIFICATIONS

INTENDED USE

The Continuum Architectural LED Recessed In-Ground Fixture features a heavy-duty rate for driveways. It is made of a durable, military-grade aluminum suitable for recessed applications. Its UV-free & IR-free features make this recessed fixture an ideal option for outdoor applications.

FEATURES

Construction: Durable, military-grade aluminum suitable for recessed applications. UV-free & IR-free. Product is field-cutttable.

Concrete Application: Fixture is designed to be installed in concrete. Lens can be removed in the future for repair if needed.

Beam Angle: 120°

Max Load: 5,000 lbs

Voltage: 24V LED Fixture, 120-277V Triac, ELV, MLV and 0-10V Remote Driver

Driver: The maximum distance an LED driver can be installed before experiencing a voltage drop is 50ft using 18AWG wire, longer if a higher AWG wire is used. Maximum load will be based on LED driver. For example, a 300@ driver can power eight 8ft fixtures. See chart below.

Lens: Glare-free, frosted

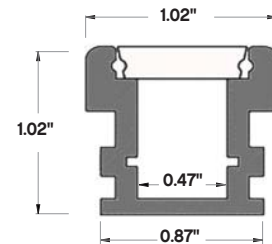
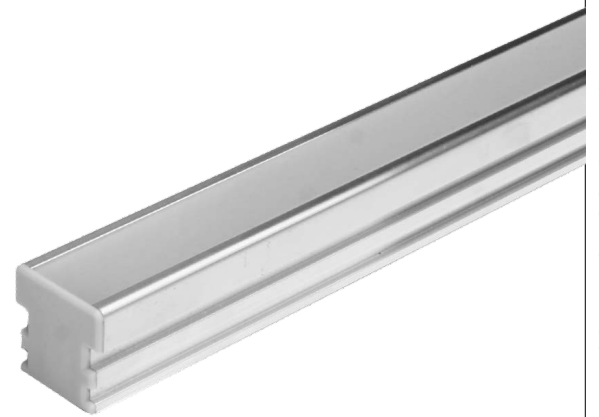
Finish: Anodized silver

CRI: 90

Life: 50,000 hours

Warranty: 5 years

Listings: IP65 outdoor wet location rated, UL listed for LED components, Title 24 for LED components, cETL listed for transformer



24V VOLTAGE DROP CHART

WIRE GAUGE	TRANSFORMER WATTAGE / MAXIMUM DISTANCE IN FEET					
	20W	40W	60W	96W	150W	300W
18 AWG	210 ft.	105 ft.	70 ft.	46 ft.	28 ft.	14 ft.
16 AWG	330 ft.	175 ft.	51 ft.	70 ft.	46 ft.	23 ft.
14 AWG	525 ft.	260 ft.	82 ft.	115 ft.	75 ft.	36 ft.
12 AWG	830 ft.	420 ft.	130 ft.	175 ft.	120 ft.	58 ft.
10 AWG	1300 ft.	650 ft.	206 ft.	285 ft.	185 ft.	94 ft.
8 AWG	2016 ft.	1025 ft.	328 ft.	460 ft.	300 ft.	150 ft.



ORDERING INFORMATION Example: (14120-4-120L-30K-010)

Model	Size	Lumens	Color Temp	Remote Driver
14120	4 39-3/8"	120L 1.5 watts/ft 120 lms/ft	27K 2700K	TEM TRIAC, ELV, MLV 100-1%
	8 78-7/8"	250L 3 watts/ft 250 lms/ft	30K 3000K	010 0-10V 100-10%
			35K 3500K	
			40K 4000K	
			50K 5000K	

COLOR TEMPERATURE GUIDE



2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✓