

PROJECT:
TYPE:
ORDERING #:
COMMENTS:

DESIGN PRO LED CONTROLLER – ACCESSORIES

Length = 3.93"
Width = 1.33"



16080BK Remote

Length = 1.83"
Width = 1.83"



16081WH Range Extender

EZPull
250' Boxes



16088WH – #14-2
16089BK – #16-2 Wire






Description	Allows the user to independently control lighting zones based on pre-defined programs. This enables the homeowner to temporarily override schedules on individual zones by turning the lights on/off at any given time. Can also be used as a secondary programmer.	Allows for wireless range extension between wireless devices (ex. power supply-to-power supply) Plugs into any standard 120V outlet (dry location).	Now 14 and 16 guage direct burial wire can now be used with Kichler's Design Pro LED Controller. Available in 250' EZ Pull boxes for added convenience. To be used only with the Kichler Design Pro LED Controller. See Kichler DC voltage drop calculator to calculate wire runs.
Input Voltage	Internal lithium battery charges via provided USB cable.	108-132AC 50-60 Hz	N/A
UL Listing	NA, battery powered.	UL listed for dry location: must be used indoors or put in an approved enclosure.	UL listed for 12V outdoor lighting applications. UV stabilized PVC insulated. For direct burial.
Wireless Type	Z-Wave® See www.z-wave.com for additional options.	Z-Wave® See www.z-wave.com for additional options.	N/A
Notes	Add/remove devices, create scenes, and control an entire Z-Wave network with one remote.	Amplifies Z-Wave wireless signals. Ranges differ depending line of sight and interior building materials used.	Use proper direct burial connectors with the approved cable combinations.

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WIRE GAUGE / LENGTH / WATTAGE CHART






10 GAUGE WIRE

Length of Wire Shown in Maximum Feet/Meters	0-20W  1,860 ft / 567 m
	40W  930 ft / 283 m
	60W  620 ft / 189 m
	80W  470 ft / 143 m
	100W  370 ft / 113 m






12 GAUGE WIRE

Length of Wire Shown in Maximum Feet/Meters	0-20W  1,150 ft / 351 m
	40W  580 ft / 177 m
	60W  390 ft / 119 m
	80W  290 ft / 88 m
	100W  230 ft / 70 m






14 GAUGE WIRE

Length of Wire Shown in Maximum Feet/Meters	0-20W  730 ft / 233 m
	40W  370 ft / 113 m
	60W  240 ft / 73 m
	80W  180 ft / 55 m
	100W  140 ft / 43 m

16 GAUGE WIRE

Length of Wire Shown in Maximum Feet/Meters	0-20W  450 ft / 137 m
	40W  230 ft / 70 m
	60W  150 ft / 46 m
	80W  110 ft / 34 m
	100W  90 ft / 27 m

18 GAUGE WIRE

Length of Wire Shown in Maximum Feet/Meters	0-20W  290 ft / 88 m
	40W  140 ft / 43 m
	60W  90 ft / 27 m
	80W  70 ft / 21 m
	100W  50 ft / 15 m

NOTE: Distances are maximums based on 5V drop.