trim spot mini | short

We aim to create cleaner ceilings.
Show what you want, hide what you need.



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luminaire specs 3

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UL CERTIFIED
SAFETY US-CA
E543420
Low-voltage Luminaire

COMPLIANT
JA8
TITLE 24
CALIFORNIA

trim spot mini | short

installation

luminaire specs

delivered lumen	up to 575lm			
watts	up to 6W			
efficacy	94lm/W			
CRI	90+	97		
R9 value	CRI 90+: >50	CRI 97: >91		
CBCP	40° glass: 1357cd			
color temperature (CCT)	2400K*	2700K	3000K	3500K*
	4000K*	dim to warm: 3000K > 1800K**		
	* only available in CRI 97			
	** only available in CRI 90+			
color consistency	2-step SDCM			
driver input voltage	120V			
dimming	DALI/0-10V/phase dimming			
power supply	constant current driver with +.9 power			
	factor and +80% efficiency			
optics	40°			
suitable for	wet locations (IP65)			
ceiling appearance	trim			
drill hole size	Ø1-5/8″ (Ø41 mm)			

ceiling thickness	min. 5/64″ (2 mm)	max. 15/16″ (24 mm)
L80	>55000 h	
housing (not incl.)	IC box airtight	IC box non-airtight
	non-IC frame	remodeling box
double springs (not incl.)	10 pack (5 sets)	
material	aluminum	brass
aluminum finishes	black ano	white struc
	brushed steel	brushed grey
	brushed bronze	
aluminum weight	0.35 lb (0.16 kg)	
brass finishes	brushed nickel	light bronze
	dark bronze	canon de fusil dark
	canon de fusil light	
brass weight	0.55 lb (0.25 kg)	
certifications	UL Listed	California Title 24
warranty	1 year (5 years on LED)	

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configure yours

21022 · _ _ · _ _ _ · _ _ _ · _ _ _

product	variant	CRI	CCT *	beam	dimming **	finish
21022. trim spot mini	02. short	1 90+	01. 2700K 02. 3000K	07 40° glass	0. driver excluded	001 black ano 002 white struc 003 brushed steel 004 brushed grey 005 brushed bronze
			90. D2W			001 black ano 002 white struc 003 brushed steel 004 brushed grey 005 brushed bronze 701 brushed nickel 702 light bronze 703 dark bronze 704 canon de fusil dark 705 canon de fusil light
		2 97	05. 2400K 01. 2700K 02. 3000K 03. 3500K 04. 4000K	07 40° glass	0. driver excluded	001 black ano 002 white struc 003 brushed steel 004 brushed grey 005 brushed bronze 701 brushed nickel 702 light bronze 703 dark bronze 704 canon de fusil dark 705 canon de fusil light

* other CCT available on request

** phase dimming, 0-10V & dali possible, consult driver matrix, driver sold separately

driver matrix

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finishes

aluminum

white struc (RAL 9003)



brushed steel



brushed bronze



brushed grey



black ano



custom brass

brushed nickel



light bronze



dark bronze



canon de fusil light



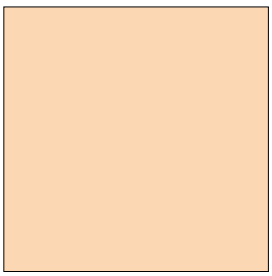
canon de fusil dark



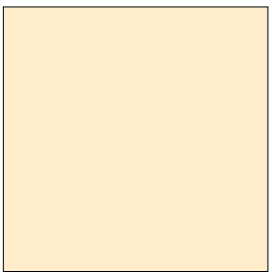
Custom RAL and brass finishes available on request.

correlated color temperature (CCT)

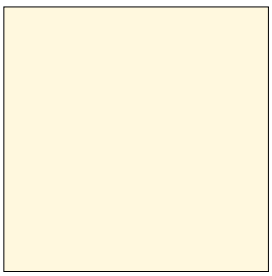
2400K: candle white



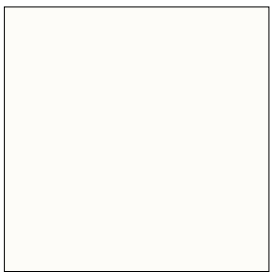
2700K: extra warm white



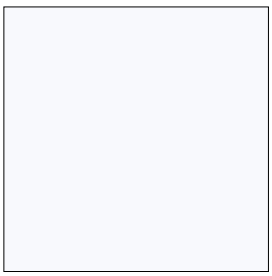
3000K: warm white



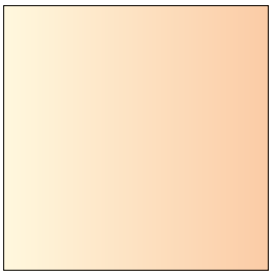
3500K: neutral white



4000K: cool white



dim to warm: 3000K > 1800K



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max. mA

	40° glass	dim to warm (40° glass)
aluminum	350mA max	350mA max
brass	350mA max	350mA max

luminaire output

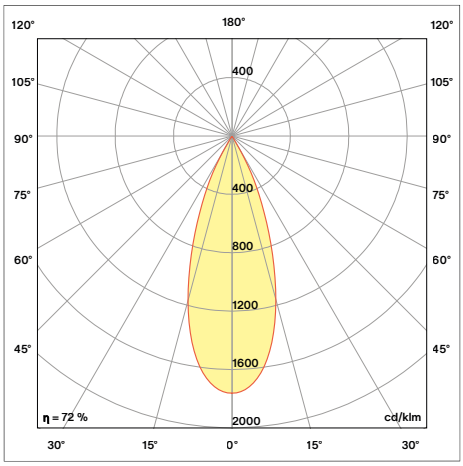
		350mA
		(6.0W, 17.1Vf)
2400K	40° glass	450lm
2700K	40° glass	500lm
3000K	40° glass	525lm
3500K	40° glass	550lm
4000K	40° glass	575lm
dim to warm	40° glass	450lm

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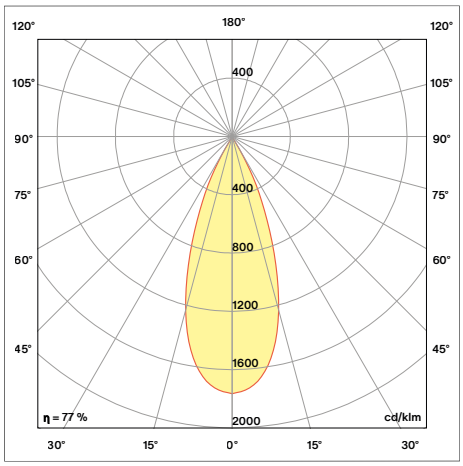
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40°

40° glass



dim to warm (40° glass)



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accessories

optional double springs (not incl.)

	product code
double springs - 10 pack (5 sets)	8000-9656

housing (not incl.)

	UL listed	product code	spec sheet
IC box + plaster frame 3-1/2” high airtight	yes	9000-0107	↗
IC box + plaster frame 3-1/2” high non-airtight	yes	9000-0101	↗
IC box + plaster frame 2-1/4” high airtight	yes	9000-0108	↗
IC box + plaster frame 2-1/4” high non-airtight	yes	9000-0103	↗
NON-IC plaster frame	yes	9000-0106	↗
remodeling box 2.37×1.5×8	yes	9000-0104	↗
bar hanger kit	n/a	9000-0102	↗

drivers (not incl.)

	Title 24 JA8 compliant	UL listed	product code	number of fixtures
SOLOdrive 0-10V 350mA 22W	yes	yes	9000-1008	1-2
SOLOdrive DALI 350mA 22W	yes	yes	9000-1006	1-2
Phase dimming / 0-10V dimmable driver constant current 350mA 15W	yes	yes	9000-1028	1
DALI / 0-10V dimmable driver 60W constant current multi power	no	yes	9000-1014	2-4

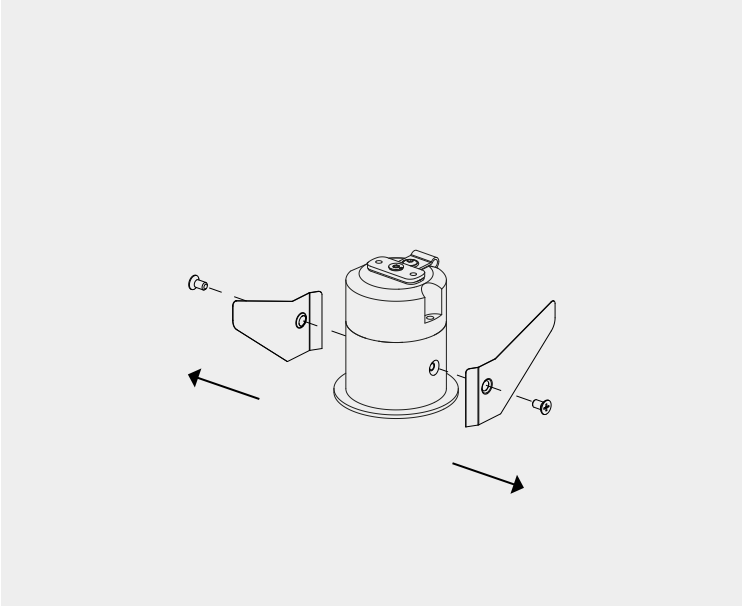
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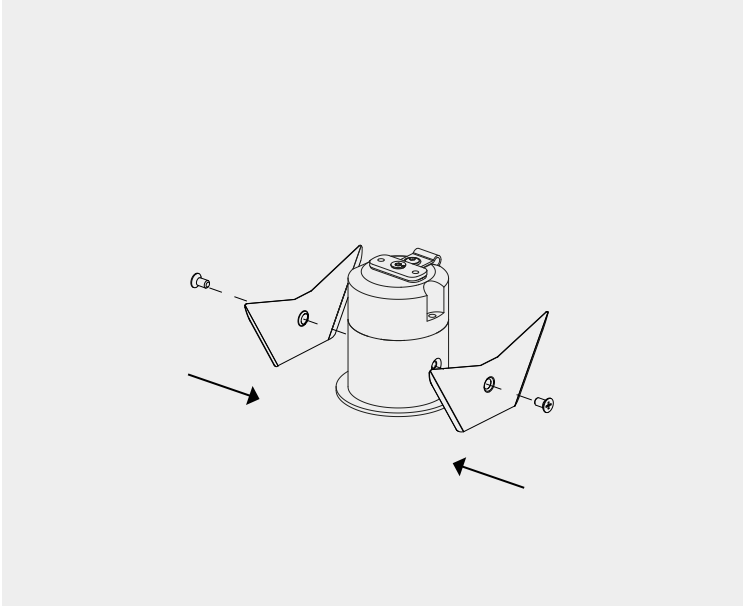
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optional double springs (not incl.)

	product code	ceiling type
double springs - 10 pack (5 sets)	8000-9656	wood / concrete / thicker than 24 mm

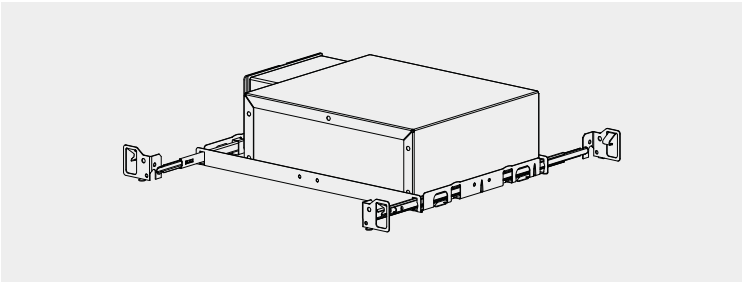
replacing single springs to double springs





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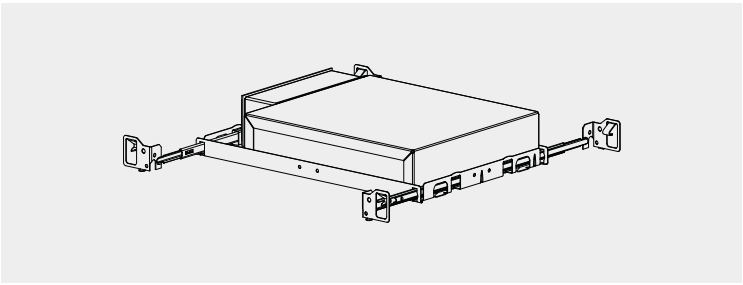
housing (not incl.)



IC box + plaster frame 3-1/2" high

spec sheet

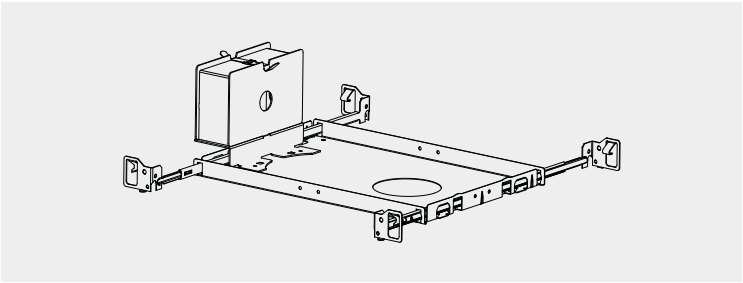
new construction airtight / non-airtight	
for use insulated ceiling	
UL listed	
dimensions D x W x H	12-7/16 × 8-9/16 × 3-7/16"



IC box + plaster frame 2-1/4" high

spec sheet

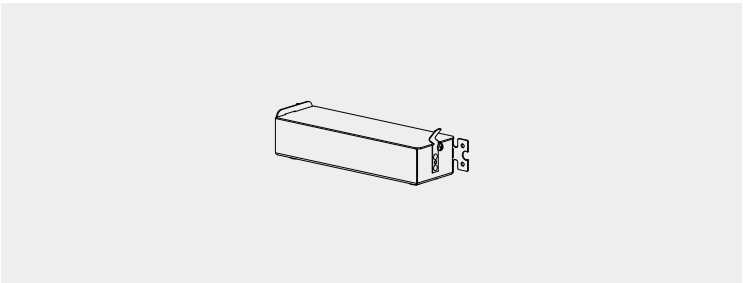
new construction airtight / non-airtight	
for use insulated ceiling	
UL listed	
dimensions D x W x H	12-7/16 × 8-9/16 × 2-3/10"



non-IC plaster frame

spec sheet

new construction	
for use in non-insulated ceiling	
UL listed	
dimensions D x W x H	15 × 8-9/16 × 4-3/8"



remodeling box 2.37x1.5x8

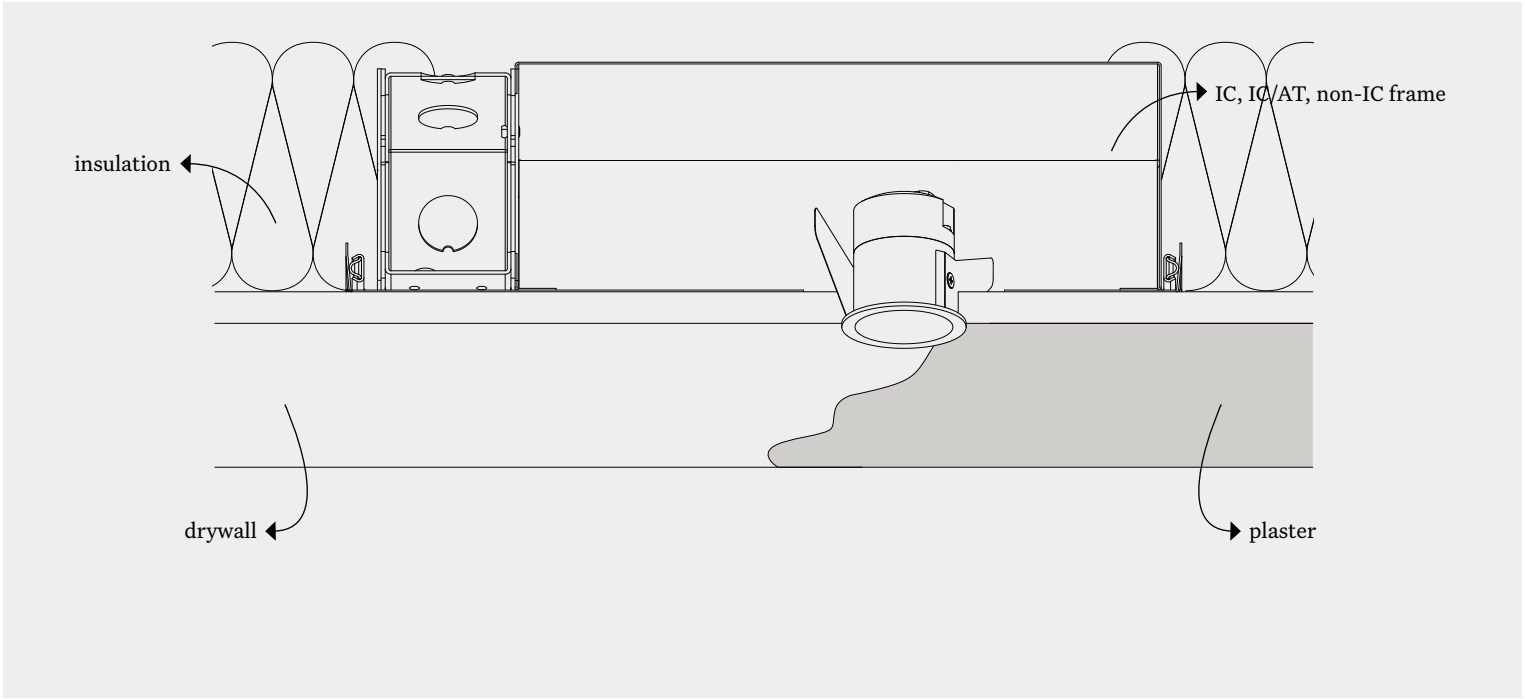
spec sheet

for remote installation	
UL listed	
does not fit through hole	
dimensions D x W x H	8 × 2-9/16 × 1-2/3"

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illustration in combination with IC box



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driver matrix

new construction	insulated ceiling	IC box + plaster frame 3-1/2″	remote driver	remodeling box 2.37x1.5x8
			local driver	driver in inner junction box
		IC box + plaster frame 2-1/4″	remote driver	remodeling box 2.37x1.5x8
			local driver	driver in inner junction box
	non-insulated ceiling	non-IC plaster frame	remote driver	remodeling box 2.37x1.5x8
			local driver	driver in inner junction box
remodeling			remote driver	remodeling box 2.37x1.5x8

driver matrix

cable length

compatible drivers

remodeling box 2.37x1.5x8 / integral driver box
SOLOdrive 0-10V 350mA 22W
SOLOdrive DALI 350mA 22W
Phase dimming / 0-10V dimmable driver constant current 350mA 15W

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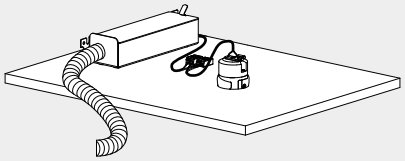
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illustration driver matrix

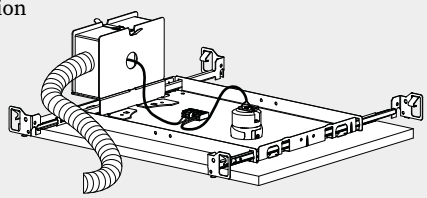
local driver

above ceiling access required for both installation and service [1]

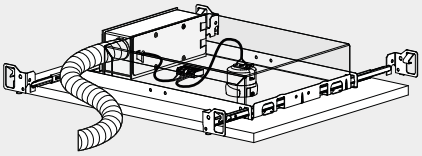
[1] remodel



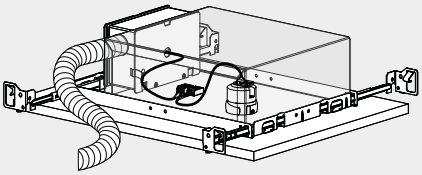
[1] new construction
non-IC



[1] new construction
IC 2-1/4”

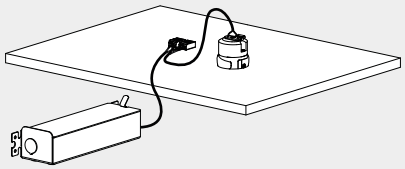


[1] new construction
IC 3-1/2”

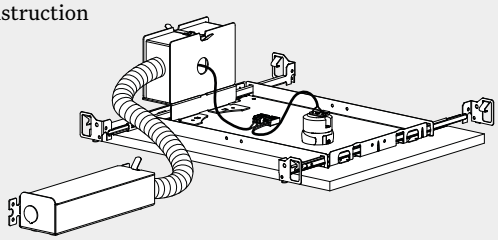


remote driver [2]

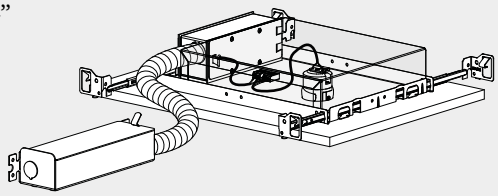
remodel



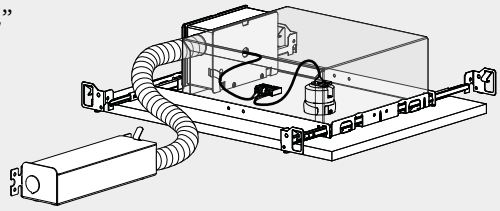
new construction
non-IC



new construction
IC 2-1/4”



new construction
IC 3-1/2”



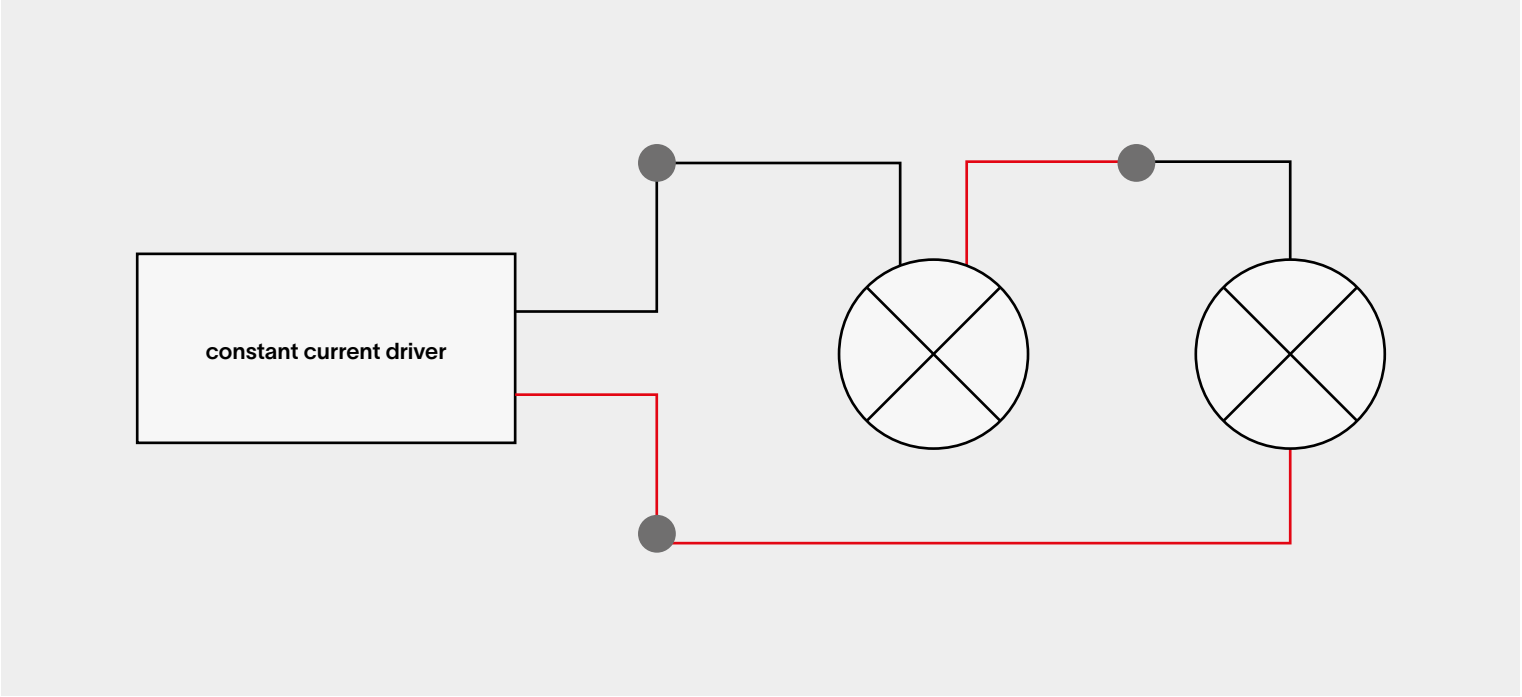
[2] max driver distance	
AWG18 (2 × 1 mm²)	40 ft (12 m)
AWG16 (2 × 1.5 mm²)	65 ft (20 m)
AWG14 (2 × 2.5 mm²)	100 ft (30 m)
AWG12 (2 × 4 mm²)	160 ft (49 m)

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wiring diagram

serial connection



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