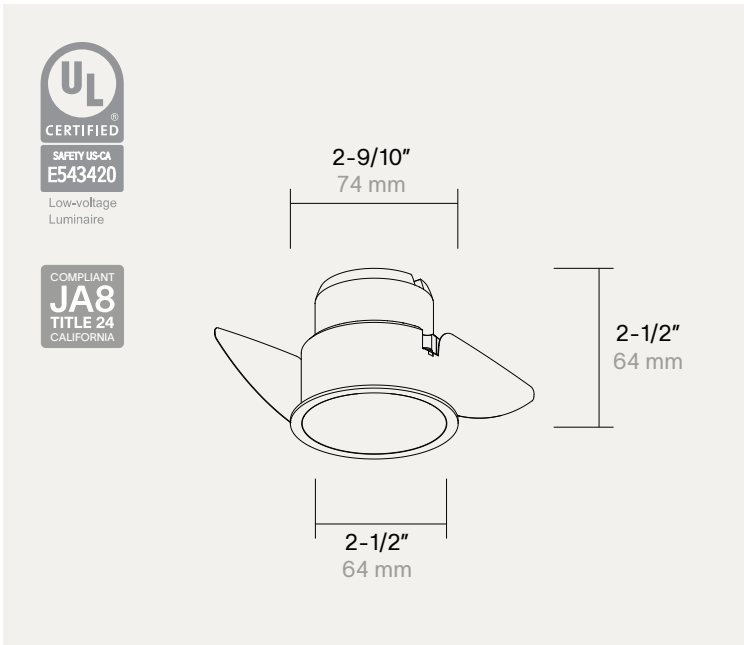
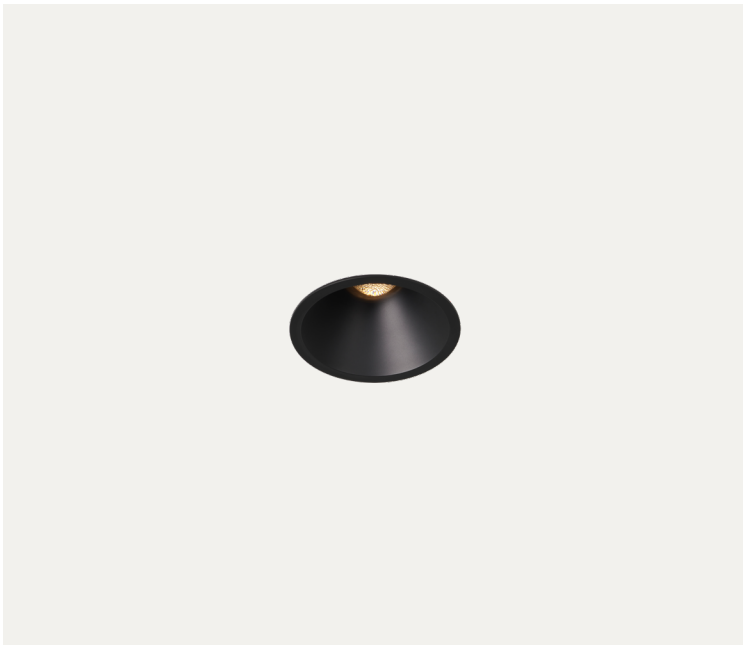


trim spot | short

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



luminaire specs	3
configure yours	4
finishes	5
luminaire output	6
accessories	8
housing	10
drivers	12



trim spot | short

installation

luminaire specs			
delivered lumen	up to 700lm		
watts	up to 8.9W		
efficacy	86lm/W		
CRI	90+	97	
R9 value	CRI 90+: >50	CRI 97: >91	
CBCP	25° glass: 2289cd	40° glass: 1619cd	
	60° glass: 1100cd		
color temperature (CCT)	2700K	3000K	3500K
	dim 2 warm: 3000K > 1800K		
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	25° / 40° / 60°		
suitable for	damp locations (IP44)		
ceiling appearance	trim		
drill hole size	Ø2-2/3" (Ø68 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	0.82 lb (0.37 kg)	
brass finishes	brushed nickel	canon de fusil dark
	canon de fusil light	dark bronze
	light bronze	
brass weight	0.82 lb (0.37 kg)	
general listings	UL Listed	California Title 24
warranty	1 year (5 years on LED)	↗

Respect distances, cable sections and IP ratings.
Split AC and DC to prevent LED glowing.

configure yours

21012

--

product		variant	CRI		CCT *		beam		dimming **		finish	
21012.	trim spot	02. short	1	90+	01.	2700K	04	25° glass	0.	driver excluded	001	black ano
					02.	3000K	07	40° glass			002	white struc
					03.	3500K	10	60° glass			003	brushed steel
											004	brushed grey
											005	brushed bronze
					90.	dim 2 warm	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
			2	97	01.	2700K	04	25° glass	0.	driver excluded	001	black ano
					02.	3000K	07	40° glass			002	white struc
					03.	3500K	10	60° glass			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

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



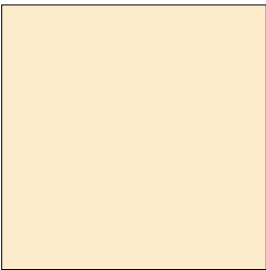
canon de fusil dark



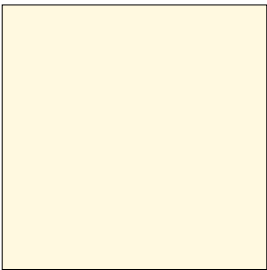
Custom RAL and brass finishes available on request.

correlated color temperature (CCT)

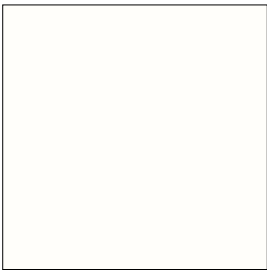
2700K: extra warm white



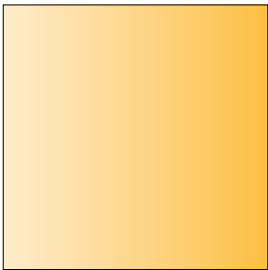
3000K: warm white



3500K: neutral white

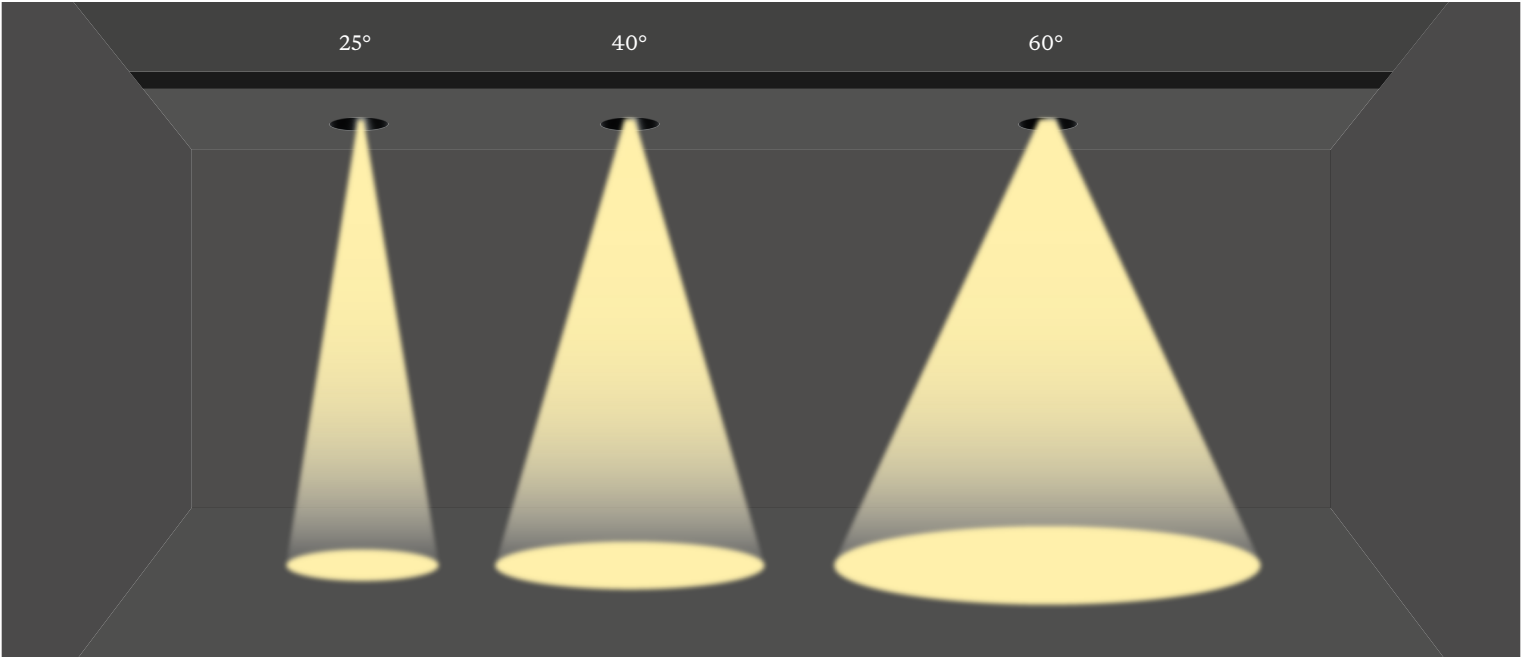


dim 2 warm: 3000K > 1800K

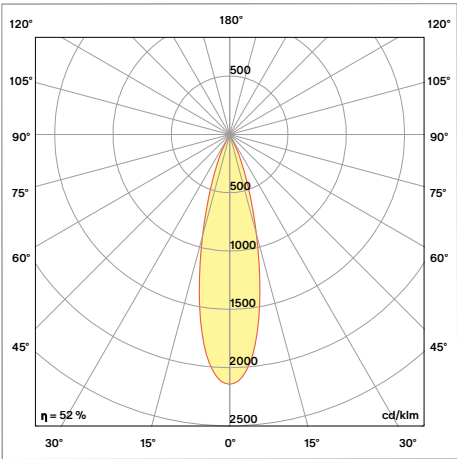


beam angle				
	25° glass	40° glass	60° glass	dim 2 warm (40° glass)
short alu	500mA max	500mA max	500mA max	350mA max
short brass	500mA max	500mA max	500mA max	350mA max

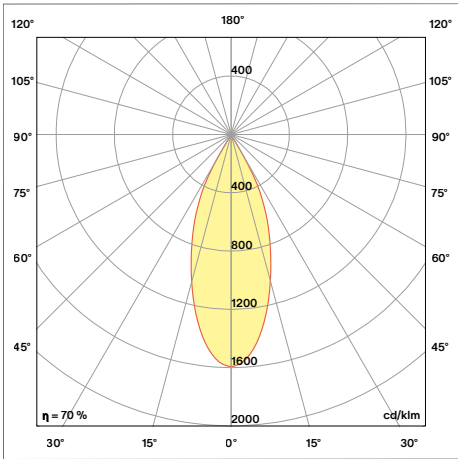
luminaire output				
		350mA	500mA	
		(6.0W, 17.1Vf)	(8.9W, 17.8Vf)	
2700K	25° glass	375lm	550lm	
	40° glass	475lm	650lm	
	60° glass	450lm	625lm	
3000K	25° glass	400lm	575lm	
	40° glass	500lm	675lm	
	60° glass	475lm	650lm	
3500K	25° glass	425lm	600lm	
	40° glass	525lm	700lm	
	60° glass	500lm	675lm	
dim 2 warm	40° glass	525lm	-	



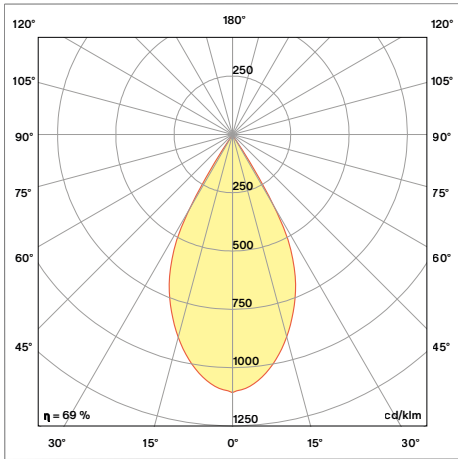
25° glass



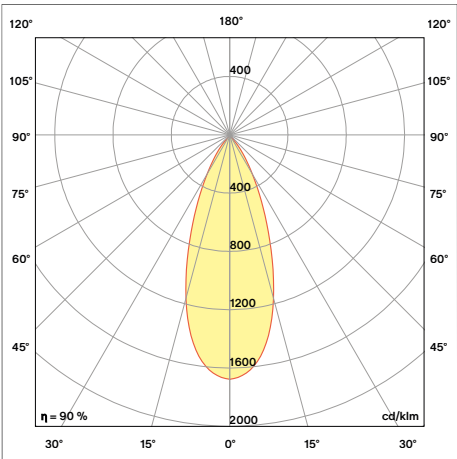
40° glass



60° glass



dim 2 warm (40° glass)

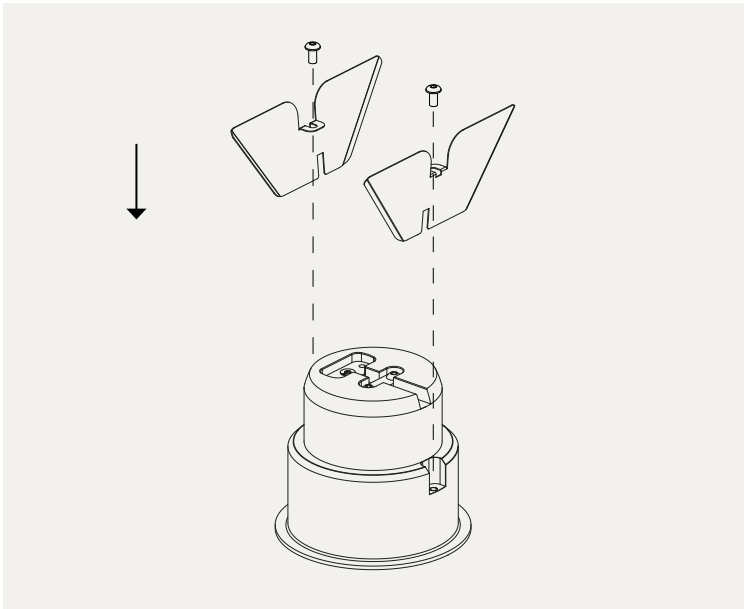
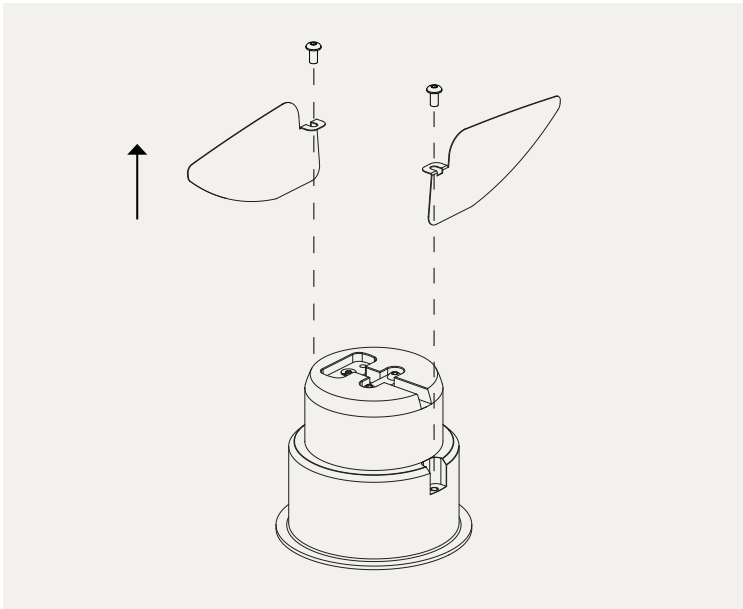


accessories				
optional double springs (not incl.)				
				product code
double springs - 10 pack (5 sets)				8000-8480
housing (not incl.)				
			UL listed	product code
IC box + plaster frame 3-1/2” high airtight			yes	9000-0107
IC box + plaster frame 3-1/2” high non-airtight			yes	9000-0101
IC box + 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.)				
	number of fixtures	Title 24 JA8 compliant	UL listed	product code
SOLOdrive 0-10V 350mA 22W	1-2	yes	yes	9000-1008
SOLOdrive 0-10V 500mA 22W	1-2	yes	yes	9000-1002
SOLOdrive DALI 350mA 22W	1-2	yes	yes	9000-1006
SOLOdrive DALI 500mA 22W	1-2	yes	yes	9000-1001
Phase dimming / 0-10V dimmable driver constant current 350mA 15W	1	yes	yes	9000-1028
Phase dimming / 0-10V dimmable driver constant current 500mA 15W	1	yes	yes	9000-1029
DALI / 0-10V dimmable driver 60W constant current multi power	2-4	no	yes	9000-1014

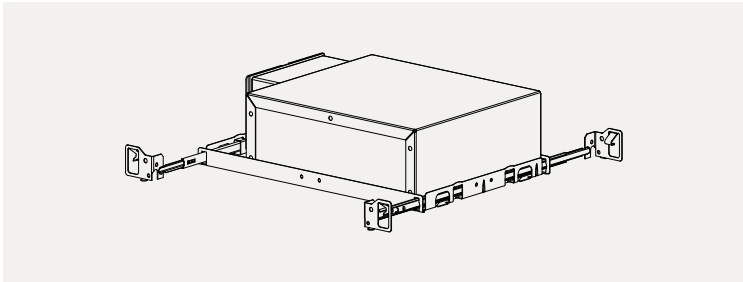
optional double springs (not incl.)

	product code	ceiling type
double springs - 10 pack (5 sets)	8000-8480	wood / concrete / thicker than 24 mm

replacing single springs to double springs



housing (not incl.)



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

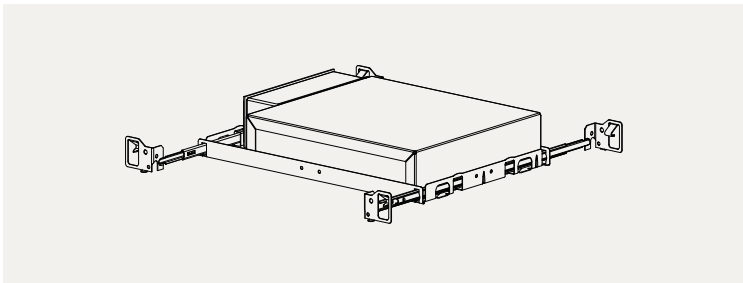
[spec sheet](#)

new construction airtight / non-airtight

for use insulated ceiling

UL listed

dimensions D x W x H 12-7/16 x 8-9/16 x 3-7/16"



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

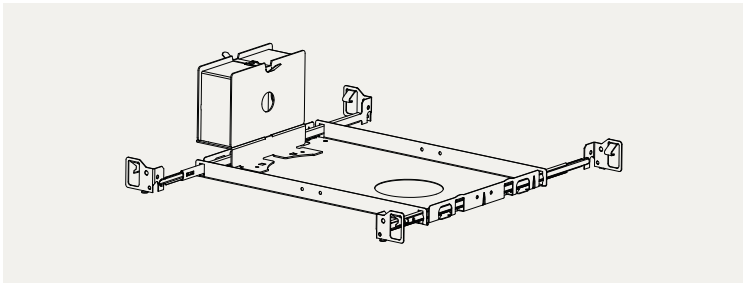
[spec sheet](#)

new construction airtight / non-airtight

for use insulated ceiling

UL listed

dimensions D x W x H 12-7/16 x 8-9/16 x 2-3/10"



non-IC plaster frame

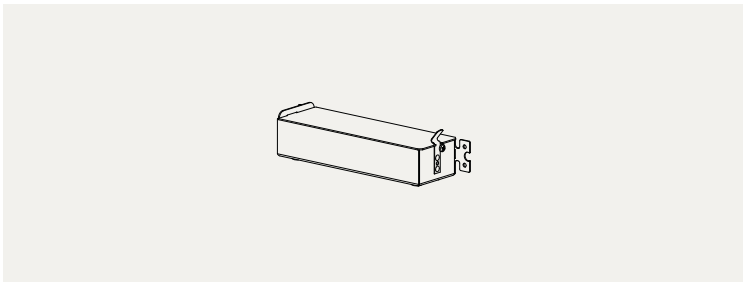
[spec sheet](#)

new construction

for use in non-insulated ceiling

UL listed

dimensions D x W x H 15 x 8-9/16 x 4-3/8"



remodeling box 2.37x1.5x8

[spec sheet](#)

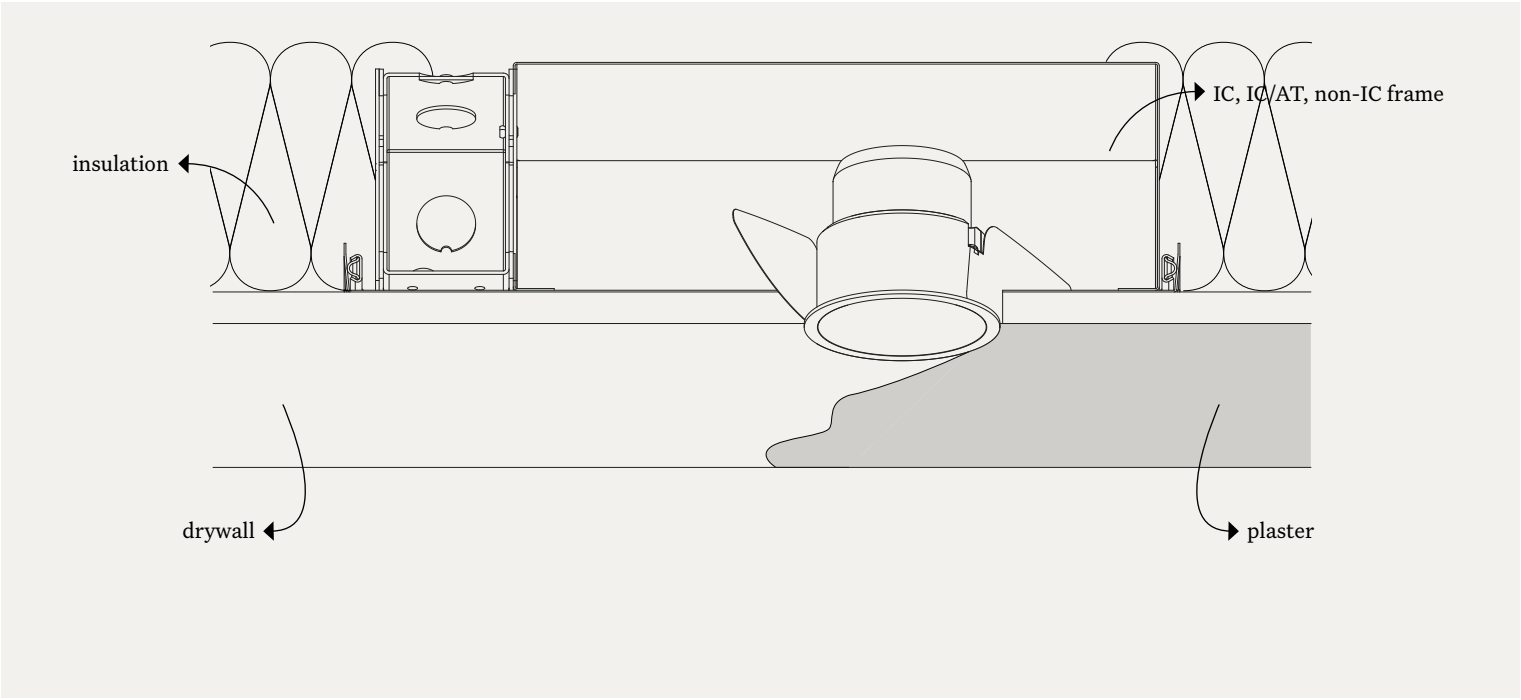
for remote installation

UL listed

does not fit through hole

dimensions D x W x H 8 x 2-9/16 x 1-2/3"

illustration in combination with IC box



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 0-10V 500mA 22W
SOLOdrive DALI 350mA 22W
SOLOdrive DALI 500mA 22W
Phase dimming / 0-10V dimmable driver constant current 350mA 15W
Phase dimming / 0-10V dimmable driver constant current 500mA 15W

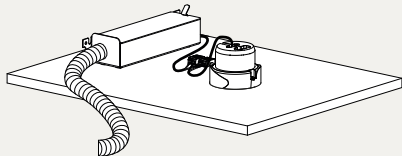
illustration driver matrix

local driver

above ceiling access required for both installation and service ¹

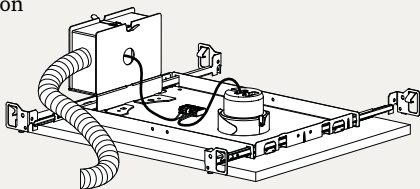
check driver matrix (cut-out column) ²

² remodel

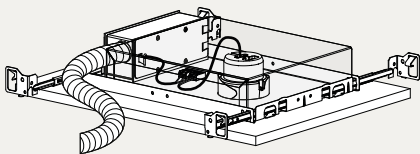


driver matrix

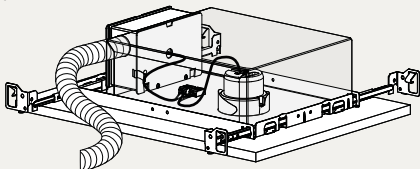
¹ new construction
non-IC



¹ new construction
IC 2-1/4"

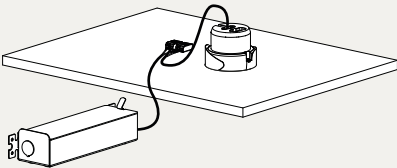


¹ new construction
IC 3-1/2"

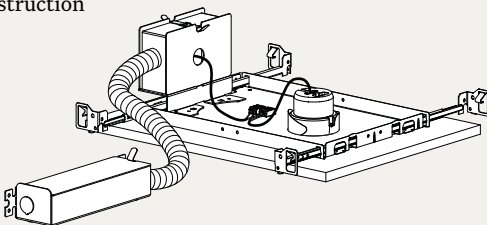


remote driver ³

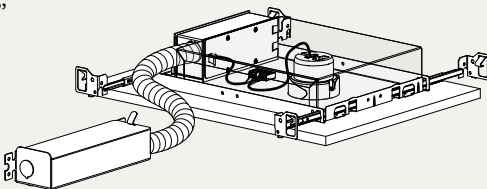
remodel



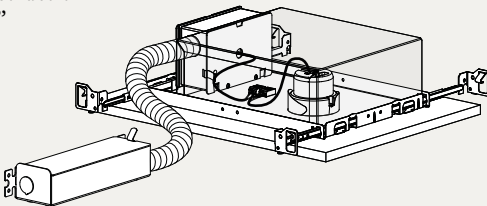
new construction
non-IC



new construction
IC 2-1/4"



new construction
IC 3-1/2"



³ max driver distance

AWG18 (2 × 1 mm ²)	40 ft (12 m)
AWG16 (2 × 1.5 mm ²)	65 ft (20 m)
AWG14 (2 × 2.5 mm ²)	100 ft (30 m)
AWG12 (2 × 4 mm ²)	160 ft (49 m)

wiring diagram

serial connection

