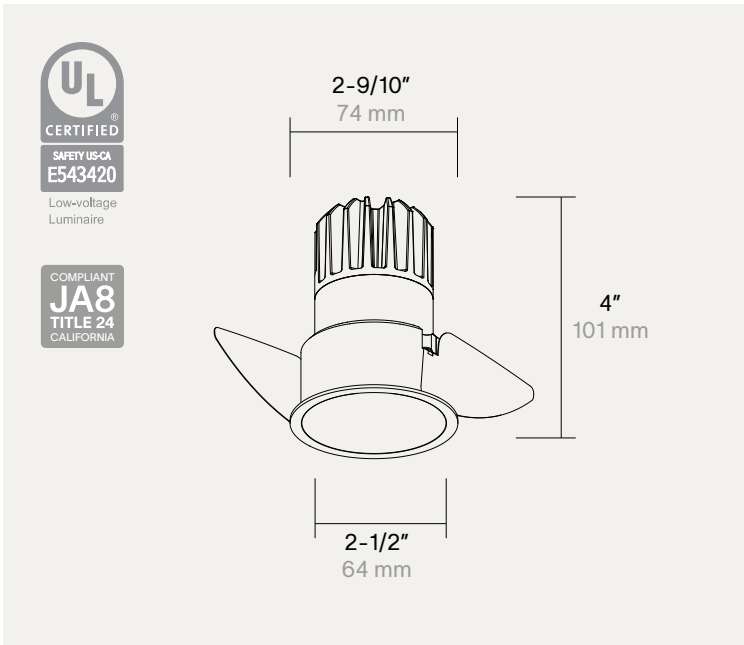
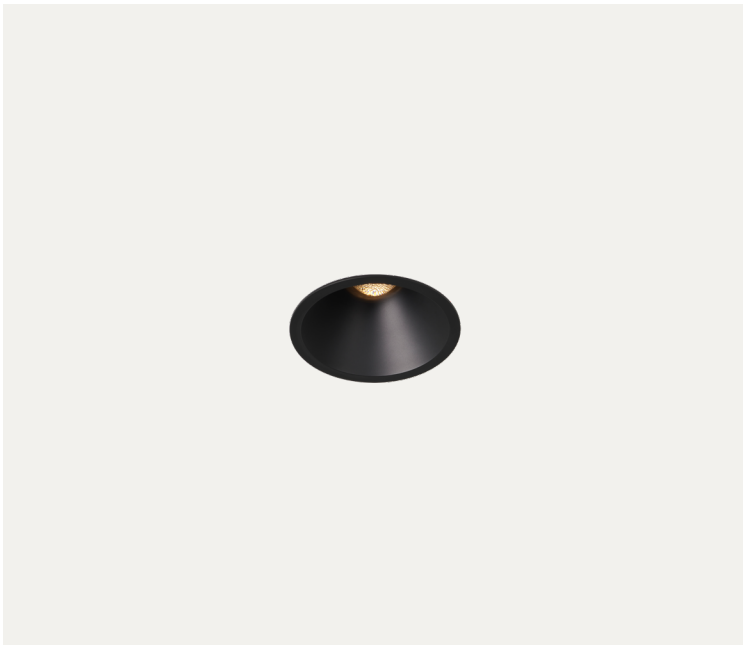


# trim spot | long

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 | long

installation

| luminaire specs         |                                        |                   |                     |
|-------------------------|----------------------------------------|-------------------|---------------------|
| delivered lumen         | up to 950lm                            |                   |                     |
| watts                   | up to 13W                              |                   |                     |
| efficacy                | 75lm/W                                 |                   |                     |
| CRI                     | 90+                                    | 97                |                     |
| R9 value                | CRI 90+: >50                           | CRI 97: >91       |                     |
| CBCP                    | 25° glass: 3278cd                      | 40° glass: 2189cd |                     |
|                         | 60° glass: 1488cd                      |                   |                     |
| 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            | 0.92 lb (0.42 kg)       |                     |
| brass finishes             | brushed nickel          | light bronze        |
|                            | dark bronze             | canon de fusil dark |
|                            | canon de fusil light    |                     |
| brass weight               | 0.94 lb (0.43 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 | 01. long | 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       |
|         |           |          |     |     |       |            |      |           |            |                 |        |                      |
|         |           |          | 2   | 97  | 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 |
|         |           |          |     |     | 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



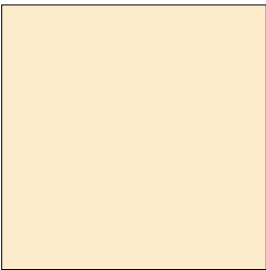
canon de fusil dark



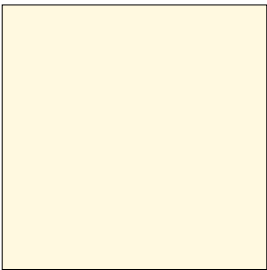
Custom RAL and brass finishes available on request.

correlated color temperature (CCT)

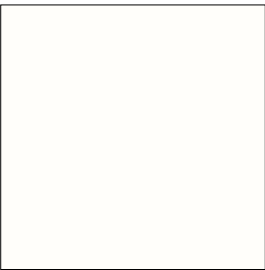
2700K: extra warm white



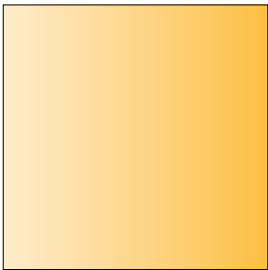
3000K: warm white



3500K: neutral white

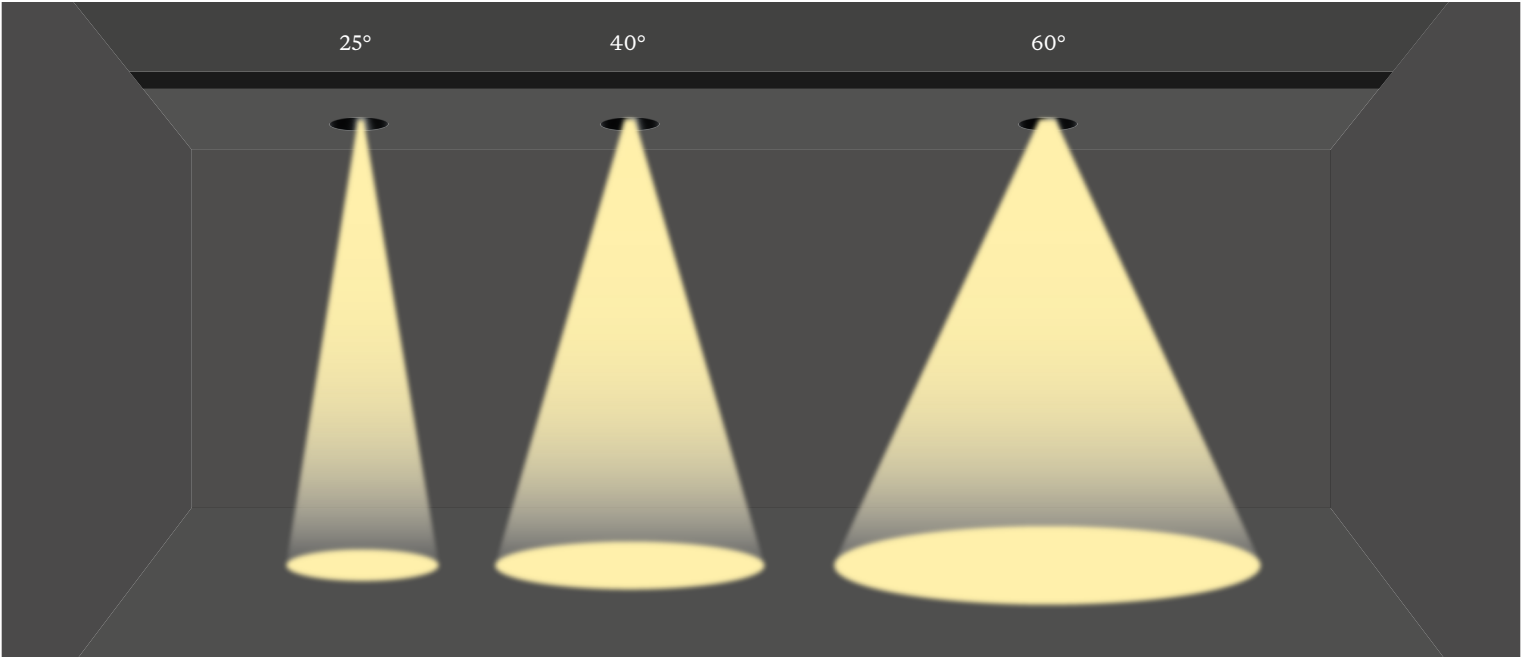


dim 2 warm: 3000K > 1800K

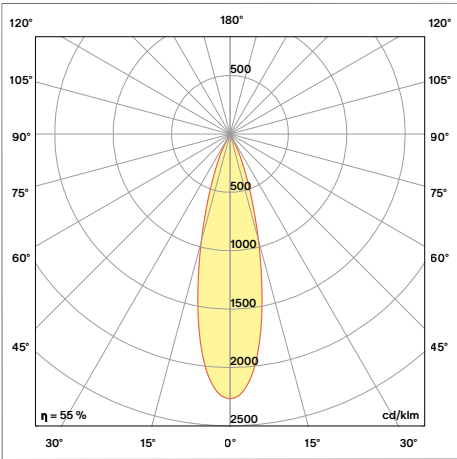


| beam angle |           |           |           |                           |
|------------|-----------|-----------|-----------|---------------------------|
|            | 25° glass | 40° glass | 60° glass | dim 2 warm<br>(40° glass) |
| long alu   | 700mA max | 700mA max | 700mA max | 350mA max                 |
| long brass | 700mA max | 700mA max | 700mA max | 350mA max                 |

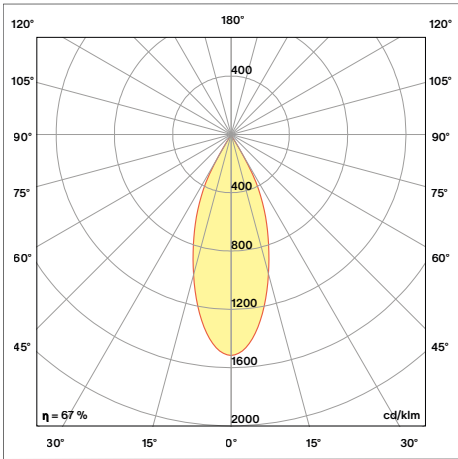
| luminaire output |           |                |                |                 |
|------------------|-----------|----------------|----------------|-----------------|
|                  |           | 350mA          | 500mA          | 700mA           |
|                  |           | (6.0W, 17.1Vf) | (8.9W, 17.8Vf) | (13.0W, 18.6Vf) |
| 2700K            | 25° glass | 375lm          | 550lm          | 725lm           |
|                  | 40° glass | 475lm          | 650lm          | 875lm           |
|                  | 60° glass | 450lm          | 625lm          | 850lm           |
| 3000K            | 25° glass | 400lm          | 575lm          | 750lm           |
|                  | 40° glass | 500lm          | 675lm          | 925lm           |
|                  | 60° glass | 475lm          | 650lm          | 875lm           |
| 3500K            | 25° glass | 425lm          | 600lm          | 775lm           |
|                  | 40° glass | 525lm          | 700lm          | 950lm           |
|                  | 60° glass | 500lm          | 675lm          | 900lm           |
| dim 2 warm       | 40° glass | 575lm          | -              | -               |



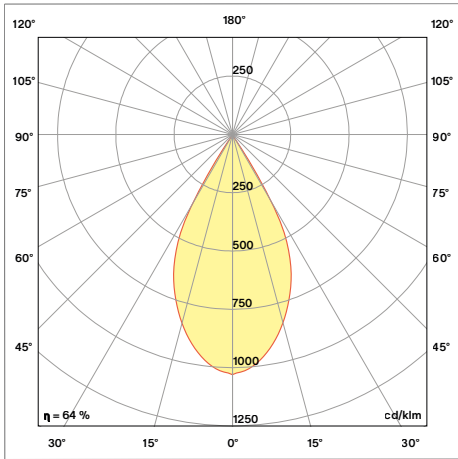
25° glass



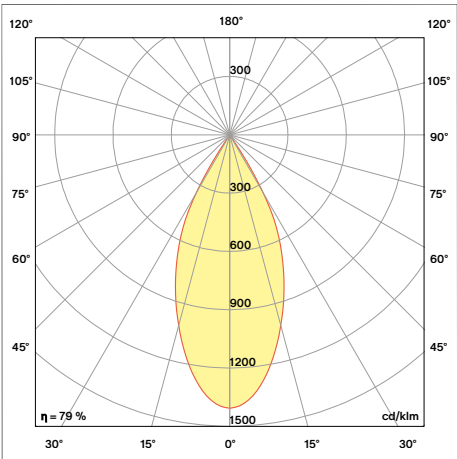
40° glass



60° glass



dim 2 warm (40° glass)

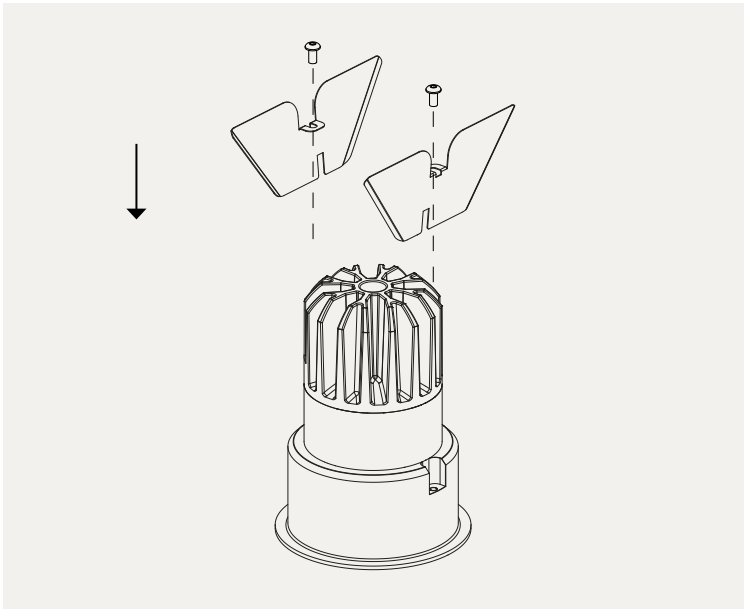
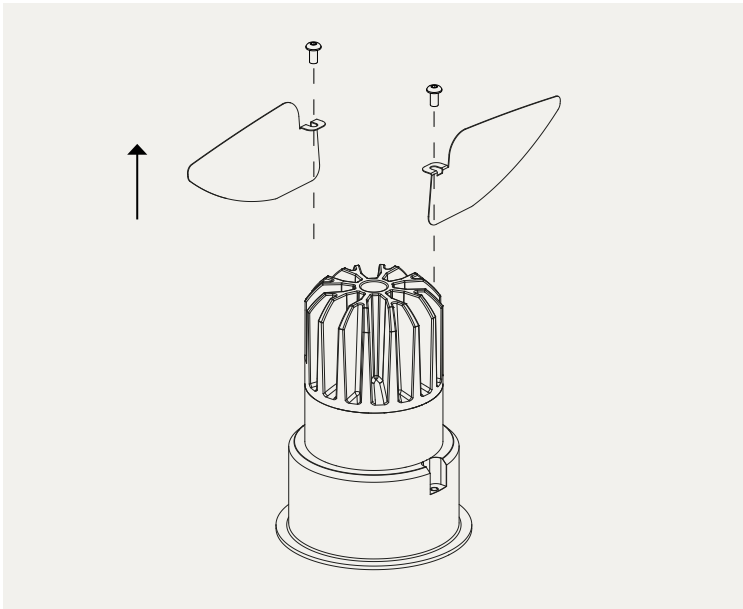


|                                                                  |                    |                        |           |              |
|------------------------------------------------------------------|--------------------|------------------------|-----------|--------------|
| accessories                                                      |                    |                        |           |              |
| 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    |
| 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 0-10V 700mA 22W                                        | 1-2                | yes                    | yes       | 9000-1009    |
| SOLOdrive DALI 350mA 22W                                         | 1-2                | yes                    | yes       | 9000-1006    |
| SOLOdrive DALI 500mA 22W                                         | 1-2                | yes                    | yes       | 9000-1001    |
| SOLOdrive DALI 700mA 22W                                         | 1-2                | yes                    | yes       | 9000-1007    |
| 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    |
| Phase dimming / 0-10V dimmable driver constant current 700mA 15W | 1                  | yes                    | yes       | 9000-1030    |
| DALI / 0-10V dimmable driver 60W constant current multi power    | 2-4                | no                     | yes       | 9000-1014    |

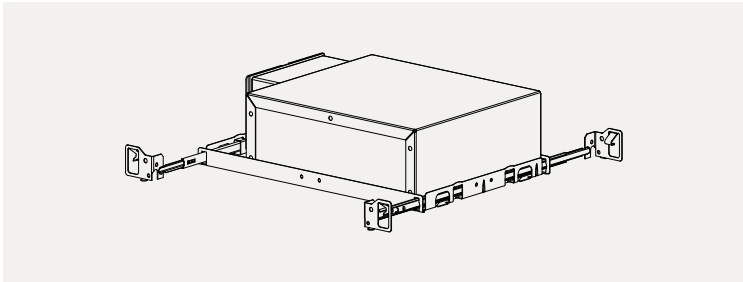
optional double springs (not incl.)

|                                   | 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

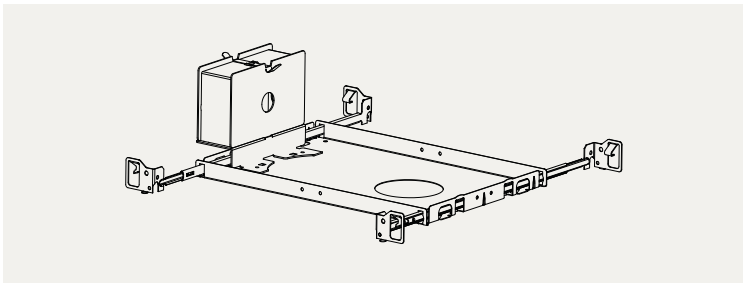
[spec sheet](#)

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"



non-IC plaster frame

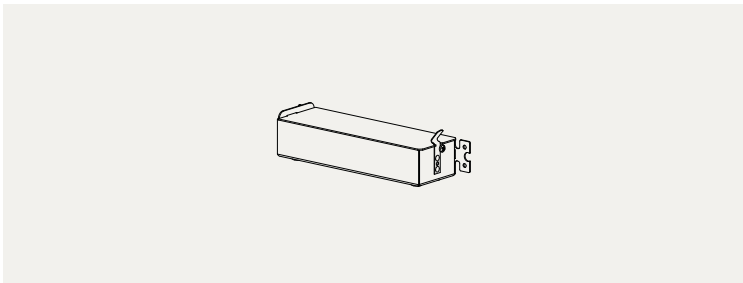
[spec sheet](#)

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](#)

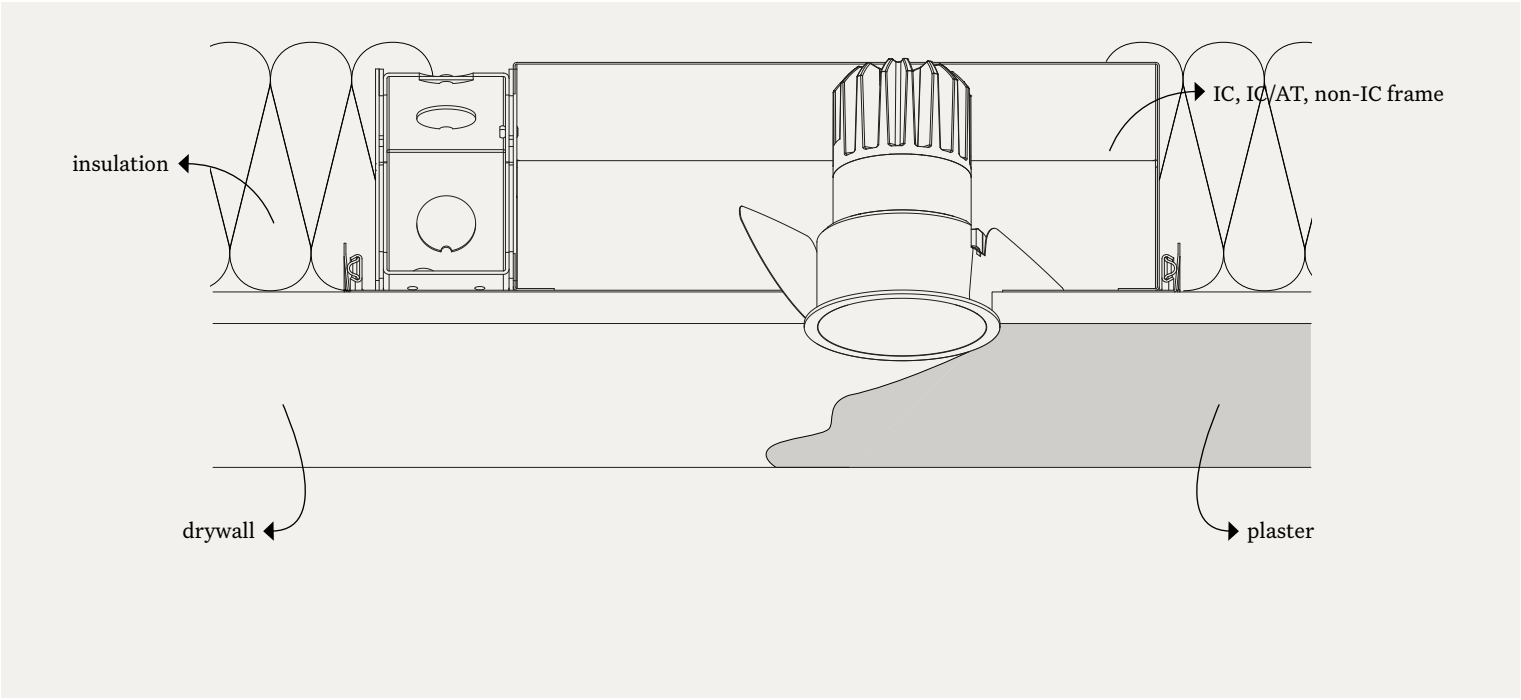
for remote installation

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 |
|                  | 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 0-10V 700mA 22W                                        |
| SOLOdrive DALI 350mA 22W                                         |
| SOLOdrive DALI 500mA 22W                                         |
| SOLOdrive DALI 700mA 22W                                         |
| Phase dimming / 0-10V dimmable driver constant current 350mA 15W |
| Phase dimming / 0-10V dimmable driver constant current 500mA 15W |
| Phase dimming / 0-10V dimmable driver constant current 700mA 15W |

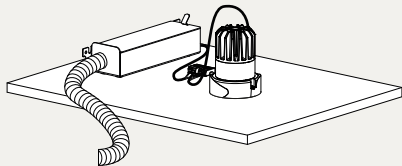
illustration driver matrix

local driver

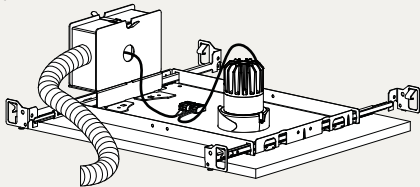
above ceiling access required for both installation and service <sup>1</sup>

check driver matrix (cut-out column) <sup>2</sup>

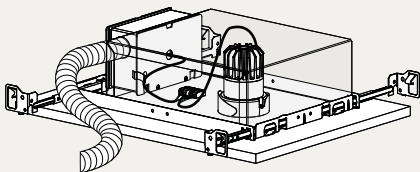
<sup>2</sup> remodel



<sup>1</sup> new construction  
non-IC

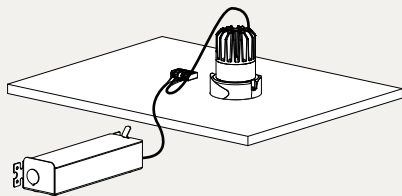


<sup>1</sup> new construction  
IC 3-1/2"

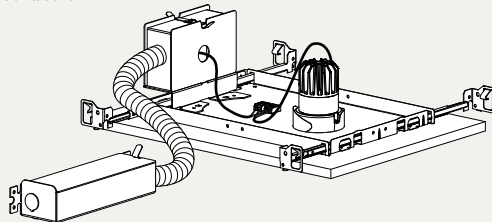


remote driver <sup>3</sup>

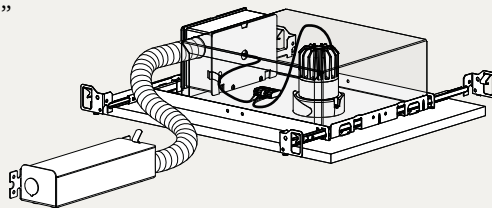
remodel



new construction  
non-IC



new construction  
IC 3-1/2"



<sup>3</sup> max driver distance

|                                  |               |
|----------------------------------|---------------|
| AWG18 (2 × 1 mm <sup>2</sup> )   | 40 ft (12 m)  |
| AWG16 (2 × 1.5 mm <sup>2</sup> ) | 65 ft (20 m)  |
| AWG14 (2 × 2.5 mm <sup>2</sup> ) | 100 ft (30 m) |
| AWG12 (2 × 4 mm <sup>2</sup> )   | 160 ft (49 m) |

wiring diagram

serial connection

