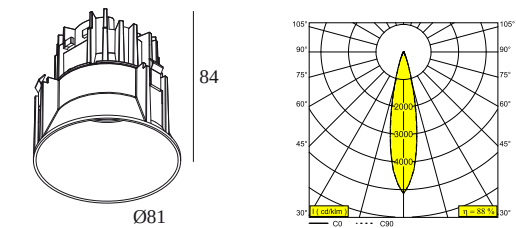




DEEP RINGO TRIMLESS HE 93020

19441 9320 BRCU

DISPONIBLE EN  
**NEGRO** 19441 9320 B  
**ALU CEPILLADO** 19441 9320 BRA  
**ANTRACITA CEPILLADO** 19441 9320 BRAT  
**BRONCE MARRÓN CEPILLADO** 19441 9320 BRBB  
**COBRE CEPILLADO** 19441 9320 BRCU  
**ORO CEPILLADO** 19441 9320 BRG  
**BRONCE VIEJO CEPILLADO** 19441 9320 BROB  
**CREMA** 19441 9320 CR  
**FLEMISH BRONZE** 19441 9320 FBR  
**FLEMISH GOLD** 19441 9320 FG  
**ORO COLOREADO** 19441 9320 GC  
**NEGRO PIANO** 19441 9320 PB  
**BLANCO** 19441 9320 W



[Ver en el sitio web](#)



| Información general        |                                               |
|----------------------------|-----------------------------------------------|
| UBICACIÓN                  | interior                                      |
| INSTALACIÓN                | Techo Empotrado                               |
| FORMA/TAMAÑO DE CORTE (MM) | redondo - Ø KIT                               |
| PROFUNDIDAD EMPOTRADA (MM) | 95                                            |
| PROTECCIÓN DE INGRESO      | IP23/20                                       |
| PESO (KG)                  | 0.3                                           |
| CAPACIDAD DE AJUSTE        | no ajustable                                  |
| INFORMACIÓN                | LENS FL-20°<br>EXCL LED POWER SUPPLY 350mA-DC |

| Información eléctrica    |                                                        |
|--------------------------|--------------------------------------------------------|
| CLASE                    | III                                                    |
| TIPO DE ATENUACIÓN       | dependiendo del tipo de fuente de alimentación externa |
| CLASIFICACIÓN ENERGÉTICA | D                                                      |
| CERTIFICADOS             | EPD, LCA                                               |

| Información de la fuente de luz         |                                                |
|-----------------------------------------|------------------------------------------------|
| LIGHTSOURCE NAME                        | LED                                            |
| FUENTE DE LUZ                           | LED array 6W / CRI>90 (R9: 50) / 3000K / 945lm |
| TM-30-15 VALUES                         | rf: 96 / Rg: 99                                |
| SDCM                                    | SDCM2                                          |
| GRUPO DE RIESGO                         | RG1                                            |
| LM80                                    | L90B10 > 50000                                 |
| BEAMANGLE                               | 20°                                            |
| INFORMACIÓN TÉCNICA LED (FUENTE DE LUZ) | 945lm // 6W // 157lm/W                         |
| INFORMACIÓN TÉCNICA LED (LUMINARIA)     | 808lm // 6,9W // 117lm/W                       |

| Observaciones             |  |
|---------------------------|--|
| High Efficacy : > 100lm/W |  |

| Requisitos                       |  |
|----------------------------------|--|
| MOUNTING KIT R82 TRIMLESS O.F.A. |  |
| MOUNTING KIT AIR 101             |  |

# DELTALIGHT

## DEEP RINGO TRIMLESS HE 93020

19441 9320 BRCU

LED POWER SUPPLY 350mA-DC DIM (Remote)

Para obtener instrucciones de instalación detalladas, consulte el manual : [19441\\_XXX0\\_HAND.pdf](#)

### COMPATIBILIDAD CON TECHO

| Ceiling Type                                                                                                                | Mounting Kit                                                                                                                      |          |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------|
|  <b>System ceiling</b>                      |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | Required |
|  <b>Plasterboard</b>                        |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | Required |
|  <b>Stucanet</b>                            |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | Required |
|  <b>Concrete + plaster</b>                 |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A.   | Required |
|  <b>Lintel + plaster</b>                  |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  <b>Hollow-core slab + plaster</b>        |  15212 2000 - MOUNTING KIT R82 TRIMLESS O.F.A. | Required |
|  <b>Ventilation in plasterboard</b>       |  29810 0100 - MOUNTING KIT SIDE AIR ONLY 1     | Required |
|                                                                                                                             |  29810 0050 - MOUNTING KIT NO AIR 101          | Required |
|                                                                                                                             |  29810 0010 - MOUNTING KIT SIDE AIR 101        | Required |
|  <b>Ventilation in concrete + plaster</b> |  29810 0210 - MOUNTING KIT TOP AIR 101         | Required |
|                                                                                                                             |  29810 0050 - MOUNTING KIT NO AIR 101          | Required |
|                                                                                                                             |  29810 0200 - MOUNTING KIT TOP AIR ONLY 1      | Required |
|  <b>Cold stretched ceiling</b>            |  15212 0070 - MOUNTING KIT R82 TRIMLESS CSC    | Required |
|  <b>Warm stretched ceiling</b>            |  15212 0150 - MOUNTING KIT R82 TRIMLESS WSC    | Required |

## TERMINE SU ESPECIFICACIÓN

Technical drawing of the 'K' type motor assembly. The drawing shows a perspective view of the motor housing and a separate component. Dimensions are indicated: 25, 180, 45, 55, 0.33, 30, and 58.

**21032 0270 B** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER B

**Dimensión de corte (mm): 27**

9

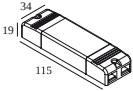
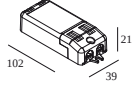
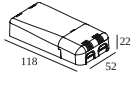
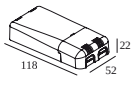
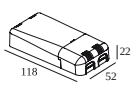
**21032 0270 W** EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W

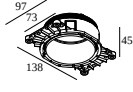
7

# DELTALIGHT

## DEEP RINGO TRIMLESS HE 93020

19441 9320 BRCU

| Fuente de Alimentación LED                                                                                                                                                                                                                                                                                                                                                                          |  | # de luminarias                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|
| <div><div></div><div># de luminarias indica cuántos dispositivos se pueden conectar (min -&gt; max) a la fuente de alimentación. Los valores antes y después del ' ' corresponden respectivamente a la corriente de accionamiento mínima y máxima. Los valores entre paréntesis son aplicables a 110V.</div></div> |  | Corriente mín.   Corriente máx.  |
| <div><div></div><div><b>300 90 91</b> LED POWER SUPPLY 350mA-DC / 15W</div></div>                                                                                                                                                                                                                                   |  | 2(1) <input type="checkbox"/>    |
| <b>Tipo de regulación: no dimerizable</b>                                                                                                                                                                                                                                                                                                                                                           |  |                                  |
| <b>Dimensión de corte (mm): 40</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |
| <div><div></div><div><b>300 90 110</b> LED POWER SUPPLY 350mA-DC / 10W DIM8</div></div>                                                                                                                                                                                                                             |  | 1 <input type="checkbox"/>       |
| <b>Tipo de regulación: con corte de fase</b>                                                                                                                                                                                                                                                                                                                                                        |  |                                  |
| <b>Dimensión de corte (mm): 42</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |
| <div><div></div><div><b>300 90 116</b> LED POWER SUPPLY 350mA-DC / 18W DIM8</div></div>                                                                                                                                                                                                                             |  | 2->2 <input type="checkbox"/>    |
| <b>Tipo de regulación: con corte de fase</b>                                                                                                                                                                                                                                                                                                                                                        |  |                                  |
| <b>Dimensión de corte (mm): 55</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |
| <div><div></div><div><b>21012 0515</b> LED POWER SUPPLY MULTI POWER DIM5</div></div>                                                                                                                                                                                                                              |  | 1(1) <input type="checkbox"/>    |
| <b>Tipo de regulación: con DALI</b>                                                                                                                                                                                                                                                                                                                                                                 |  |                                  |
| <b>Dimensión de corte (mm): 55</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |
| <div><div></div><div><b>21012 0520</b> LED POWER SUPPLY 350mA-DC / 8W</div></div>                                                                                                                                                                                                                                |  | 1(0) <input type="checkbox"/>    |
| <b>Tipo de regulación: no dimerizable</b>                                                                                                                                                                                                                                                                                                                                                           |  |                                  |
| <b>Dimensión de corte (mm): 47</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |
| <div><div></div><div><b>21012 0575</b> LED POWER SUPPLY MULTI POWER DIM5</div></div>                                                                                                                                                                                                                              |  | 2->3(2) <input type="checkbox"/> |
| <b>Tipo de regulación: con DALI</b>                                                                                                                                                                                                                                                                                                                                                                 |  |                                  |
| <b>Dimensión de corte (mm): 55</b>                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |

| Mounting Kit                                                                                                                                                          |  |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|
| <div><div></div><div><b>15212 2000</b> MOUNTING KIT R82 TRIMLESS O.F.A.</div></div> |  | <input type="checkbox"/> |
| <b>Dimensión de corte (mm): 105</b>                                                                                                                                   |  |                          |

# DELTALIGHT

## DEEP RINGO TRIMLESS HE 93020

19441 9320 BRCU

### Mounting Kit techo tensado



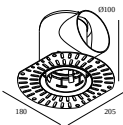
**15212 0070** MOUNTING KIT R82 TRIMLESS CSC

☐

**15212 0150** MOUNTING KIT R82 TRIMLESS WSC

☐

### Juegos de montaje - side air + light

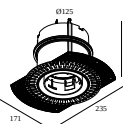


**29810 0010** MOUNTING KIT SIDE AIR 101

Dimensión de corte (mm): 168

☐

### Juegos de montaje - top air + light

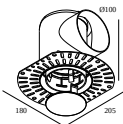


**29810 0210** MOUNTING KIT TOP AIR 101

Dimensión de corte (mm): 135

☐

### Juegos de montaje - side air only

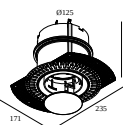


**29810 0100** MOUNTING KIT SIDE AIR ONLY 1

Dimensión de corte (mm): 168

☐

### Juegos de montaje - top air only



**29810 0200** MOUNTING KIT TOP AIR ONLY 1

Dimensión de corte (mm): 135

☐

# DELTALIGHT

## DEEP RINGO TRIMLESS HE 93020

19441 9320 BRCU

### Juegos de montaje - no air



**29810 0050** MOUNTING KIT NO AIR 101



**Dimensión de corte (mm): 168**

Notes: