



## ENTERO RD-S 93045

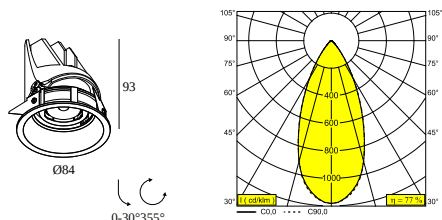
28402 9330 FW

AVAILABLE IN

**BLACK** 28402 9330 B

**FULL WHITE** 28402 9330 FW

**GOLD COLOURED** 28402 9330 GC



[View on website](#)



### General info

|                                           |                                                                                                    |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>LOCATION</b>                           | indoor                                                                                             |
| <b>INSTALLATION</b>                       | Ceiling Recessed                                                                                   |
| <b>CUTOUT SHAPE/SIZE (MM)</b>             | round - 76                                                                                         |
| <b>RECESSED DEPTH (MM)</b>                | 100                                                                                                |
| <b>THICKNESS OF MOUNTING SURFACE (MM)</b> | max.16                                                                                             |
| <b>INGRESS PROTECTION</b>                 | IP20                                                                                               |
| <b>WEIGHT (KG)</b>                        | 0.235                                                                                              |
| <b>ADJUSTABILITY</b>                      | 0° to 30° swiveling, 355° rotatable                                                                |
| <b>INFORMATION</b>                        | REFLECTOR WFL-45°<br>EXCL.LED POWER SUPPLY 350-700mA-DC<br>Optional REFLECTORS 20° & 30° available |

### Electrical info

|                     |                           |
|---------------------|---------------------------|
| <b>CLASS</b>        | III                       |
| <b>DIM TYPE</b>     | depending on power supply |
| <b>ENERGY CLASS</b> | E                         |
| <b>CERTIFICATES</b> | CB, ENEC, EPD             |

### Lightsource info

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| <b>LIGHTSOURCE NAME</b>            | LED                                                        |
| <b>LIGHTSOURCE</b>                 | LED array 5,8-12,4W / CRI>90 (R9: 52) / 3000K / 787-1467lm |
| <b>TM-30 VALUES</b>                | rf: 90 / Rg: 99                                            |
| <b>SDCM</b>                        | SDCM1                                                      |
| <b>RISKGROUP</b>                   | RG1                                                        |
| <b>LM80</b>                        | L90B10 > 50000                                             |
| <b>BEAMANGLE</b>                   | 45°                                                        |
| <b>LED TECHNICS (LIGHT SOURCE)</b> | 1467lm // 12,4W // 118lm/W                                 |
| <b>LED TECHNICS (LUMINAIRE)</b>    | 1125lm // 14,3W // 79lm/W                                  |

### Remarks

Max.500mA when using accessories

### Requirements

LED POWER SUPPLY 350 / 500 / 700mA-DC DIM

### Options

ENTERO RD-S MOUNTING SET S2

### Accessories

ENTERO S HONEYCOMB

# DELTALIGHT

## ENTERO RD-S 93045

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- ENTERO S LINEAR SPREAD LENS
- ENTERO S SPREAD LENS
- ENTERO S SOFTENING LENS
- ENTERO S GLASS SBL

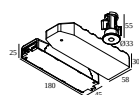
For detailed installation instructions, please consult the manual : [28402\\_XXX0\\_HAND.pdf](#)

### CEILING COMPATIBILITY

| Ceiling Type                                                                                                         | Mounting Kit                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>System ceiling</b>               | -                                                                                                                                                  |
|  <b>Plasterboard</b>                 | -                                                                                                                                                  |
|  <b>Stucanet</b>                    | -                                                                                                                                                  |
|  <b>Wood</b>                       | -                                                                                                                                                  |
|  <b>Concrete</b>                   |  28500 0190 - ENTERO RD-S MOUNTING SET S2 <span>Required</span> |
|  <b>Concrete + plaster</b>         |  28500 0190 - ENTERO RD-S MOUNTING SET S2 <span>Required</span> |
|  <b>Lintel + plaster</b>           |  28500 0190 - ENTERO RD-S MOUNTING SET S2 <span>Required</span> |
|  <b>Hollow-core slab</b>           |  28500 0190 - ENTERO RD-S MOUNTING SET S2 <span>Required</span> |
|  <b>Hollow-core slab + plaster</b> |  28500 0190 - ENTERO RD-S MOUNTING SET S2 <span>Required</span> |
|  <b>Stretched ceiling</b>          | -                                                                                                                                                  |

### FINISH YOUR SPECIFICATION

#### Emergency units



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

☐

Cutout dimension (mm): 27

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

☐

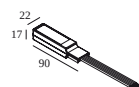
#### LED power supplies

#### # of Fixtures



# of fixtures indicates how many devices can be connected (min -> max) to the power supply. The values before and after the '|' correspond respectively with the minimum and maximum driving current. Values between brackets are applicable to 110V.

Min current | Max current



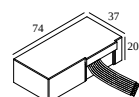
**300 48 350 ED1** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM1

2

☐

Dimtype: 1-10V

Cutout dimension (mm): 30



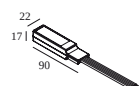
**300 48 350 ED5** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5

2

☐

Dimtype: DALI

Cutout dimension (mm): 45



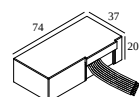
**300 48 350 MDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W MDL

2

☐

Dimtype: non-dimmable

Cutout dimension (mm): 30



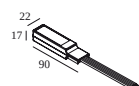
**300 48 350 WDL** LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W WDL

2

☐

Dimtype: WDL = wireless dimmable

Cutout dimension (mm): 45



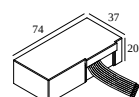
**300 48 500 ED1** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM1

2

☐

Dimtype: 1-10V

Cutout dimension (mm): 30



**300 48 500 ED5** LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5

2

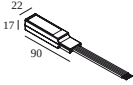
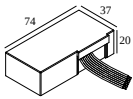
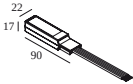
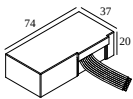
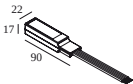
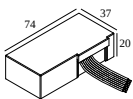
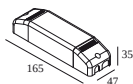
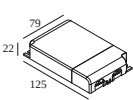
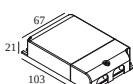
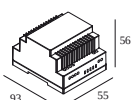
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Dimtype: DALI

Cutout dimension (mm): 45

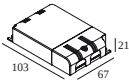
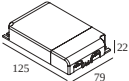
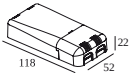
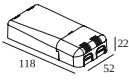
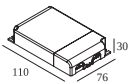
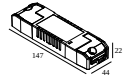
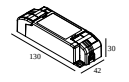
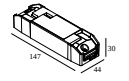
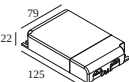
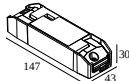
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|                                                                                    |                                                                                                                                                  |                    |                          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|
|    | <b>300 48 500 MDL</b> LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W MDL<br><br>Dimtype: non-dimmable<br><br>Cutout dimension (mm): 30            | 2                  | <input type="checkbox"/> |
|    | <b>300 48 500 WDL</b> LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W WDL<br><br>Dimtype: WDL = wireless dimmable<br><br>Cutout dimension (mm): 45 | 2                  | <input type="checkbox"/> |
|    | <b>300 48 700 ED1</b> LED POWER CONVERTER 48V-DC to 700 mA-DC / 25W DIM1<br><br>Dimtype: 1-10V<br><br>Cutout dimension (mm): 30                  | 2                  | <input type="checkbox"/> |
|    | <b>300 48 700 ED5</b> LED POWER CONVERTER 48V-DC to 700 mA-DC / 25W DIM5<br><br>Dimtype: DALI<br><br>Cutout dimension (mm): 45                   | 2                  | <input type="checkbox"/> |
|  | <b>300 48 700 MDL</b> LED POWER CONVERTER 48V-DC to 700 mA-DC / 25W MDL<br><br>Dimtype: non-dimmable<br><br>Cutout dimension (mm): 30            | 2                  | <input type="checkbox"/> |
|  | <b>300 48 700 WDL</b> LED POWER CONVERTER 48V-DC to 700 mA-DC / 25W WDL<br><br>Dimtype: WDL = wireless dimmable<br><br>Cutout dimension (mm): 45 | 2                  | <input type="checkbox"/> |
|  | <b>300 90 61</b> LED POWER SUPPLY MULTI-POWER DIM6<br><br>Dimtype: mains (phase cut-off) or push button<br><br>Cutout dimension (mm): 56         | 2   2   2          | <input type="checkbox"/> |
|  | <b>300 90 63</b> LED POWER SUPPLY MULTI-POWER DIM9<br><br>Dimtype: 1-10V or DALI or push button<br><br>Cutout dimension (mm): 82                 | 4(4)   4(4)   4(3) | <input type="checkbox"/> |
|  | <b>300 90 64</b> LED POWER SUPPLY MULTI-POWER DIM7<br><br>Dimtype: 1-10V or push button<br><br>Cutout dimension (mm): 72                         | 2(2)   2(1)   2(1) | <input type="checkbox"/> |
|  | <b>300 90 67</b> LED POWER CONVERTER 24V-DC TO MULTI CURRENT 48W DIM9<br><br>Dimtype: 1-10V or DALI or push button                               | 2   -   2          | <input type="checkbox"/> |

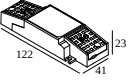
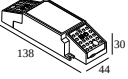
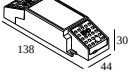
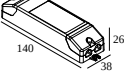
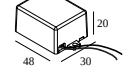
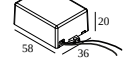
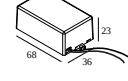
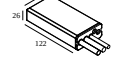
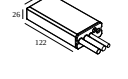
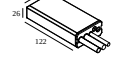
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|                                                                                    |                                                                                                                                |                       |                          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|
|    | <b>300 90 68</b><br>LED POWER SUPPLY MULTI-POWER DIM5<br>Dimtype: DALI<br>Cutout dimension (mm): 72                            | 2(2)   2(1)   2(1)    | <input type="checkbox"/> |
|    | <b>300 90 69</b><br>LED POWER SUPPLY MULTI-POWER HV DIM9<br>Dimtype: 1-10V or DALI or push button<br>Cutout dimension (mm): 84 | 2->6(6)   6(4)   4(3) | <input type="checkbox"/> |
|    | <b>300 90 124</b><br>LED POWER SUPPLY MULTI-POWER DIM7<br>Dimtype: 1-10V or push button<br>Cutout dimension (mm): 55           | 3(2)   2(1)   1(1)    | <input type="checkbox"/> |
|    | <b>300 90 125</b><br>LED POWER SUPPLY MULTI-POWER MINI DIM5<br>Dimtype: DALI<br>Cutout dimension (mm): 55                      | 2(2)   2(1)   1(1)    | <input type="checkbox"/> |
|  | <b>300 90 135</b><br>LED POWER SUPPLY MULTI-POWER HV<br>Dimtype: non-dimmable<br>Cutout dimension (mm): 90                     | 3->4   2->4   2->4    | <input type="checkbox"/> |
|  | <b>21012 0010</b><br>LED POWER SUPPLY MULTI POWER<br>Dimtype: non-dimmable<br>Cutout dimension (mm): 50                        | 2   2   2             | <input type="checkbox"/> |
|  | <b>21012 0021</b><br>LED POWER SUPPLY MULTI POWER DIM1<br>Dimtype: 1-10V<br>Cutout dimension (mm): 54                          | 3   3   2             | <input type="checkbox"/> |
|  | <b>21012 0035</b><br>LED POWER SUPPLY MULTI POWER DIM5<br>Dimtype: DALI<br>Cutout dimension (mm): 54                           | 3   3   3             | <input type="checkbox"/> |
|  | <b>21012 004W</b><br>LED POWER SUPPLY MULTI-POWER WDL<br>Dimtype: WDL = wireless dimmable<br>Cutout dimension (mm): 84         | 4(4)   3(3)   3(3)    | <input type="checkbox"/> |
|  | <b>21012 005W</b><br>LED POWER SUPPLY MULTI-POWER COMPACT WDL<br>Dimtype: WDL = wireless dimmable<br>Cutout dimension (mm): 54 | 3   3   2             | <input type="checkbox"/> |

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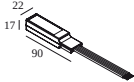
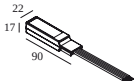
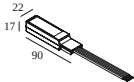
28402 9330 FW

|                                                                                    |                                                                                                                                         |              |                          |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|
|    | <b>21012 0268</b><br>LED POWER SUPPLY MULTI POWER 200-350 / 15W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 50 | 2->2   0   0 | <input type="checkbox"/> |
|    | <b>21012 0278</b><br>LED POWER SUPPLY MULTI POWER 500-700 / 20W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 55 | 1   1        | <input type="checkbox"/> |
|    | <b>21012 0288</b><br>LED POWER SUPPLY MULTI POWER 500-700 / 36W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 55 | 2->3   2->2  | <input type="checkbox"/> |
|    | <b>21012 0298</b><br>LED POWER SUPPLY MULTI POWER 250-900 / 20W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 48 | 2   2   1    | <input type="checkbox"/> |
|  | <b>21012 0308</b><br>LED POWER SUPPLY 350mA / 7,35W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 40             | 1            | <input type="checkbox"/> |
|  | <b>21012 0318</b><br>LED POWER SUPPLY 500mA / 10W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 40               | 1            | <input type="checkbox"/> |
|  | <b>21012 0328</b><br>LED POWER SUPPLY 700mA / 15W DIM8<br><br>Dimtype: mains (phase cut-off)<br>Cutout dimension (mm): 40               | 1            | <input type="checkbox"/> |
|  | <b>21012 0480</b><br>LED POWER SUPPLY 350mA-DC / 17W IP68<br><br>Dimtype: non-dimmable<br>Cutout dimension (mm): 60                     | 2(2)         | <input type="checkbox"/> |
|  | <b>21012 0490</b><br>LED POWER SUPPLY 700mA-DC / 30W IP68<br><br>Dimtype: non-dimmable<br>Cutout dimension (mm): 60                     | 2(1)         | <input type="checkbox"/> |
|  | <b>21012 0500</b><br>LED POWER SUPPLY 500mA-DC / 24W IP68<br><br>Dimtype: non-dimmable<br>Cutout dimension (mm): 60                     | 2(1)         | <input type="checkbox"/> |

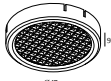
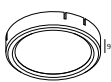
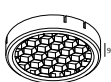
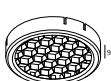
# DELTALIGHT

## ENTERO RD-S 93045

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|                                                                                  |                                                                      |                            |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------|
|  | <b>21032 0295</b> LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5 | 2 <input type="checkbox"/> |
| Dimtype: DALI                                                                    |                                                                      |                            |
| Cutout dimension (mm): 30                                                        |                                                                      |                            |
|  | <b>21032 0305</b> LED POWER CONVERTER 48V-DC to 500 mA-DC / 22W DIM5 | 2 <input type="checkbox"/> |
| Dimtype: DALI                                                                    |                                                                      |                            |
| Cutout dimension (mm): 30                                                        |                                                                      |                            |
|  | <b>21032 0315</b> LED POWER CONVERTER 48V-DC to 700 mA-DC / 25W DIM5 | 2 <input type="checkbox"/> |
| Dimtype: DALI                                                                    |                                                                      |                            |
| Cutout dimension (mm): 30                                                        |                                                                      |                            |

### Light altering devices

|                                                                                     |                                                     |                          |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|
|  | <b>28500 0010</b> ENTERO S LINEAR SPREAD LENS       | <input type="checkbox"/> |
|  | <b>28500 0020</b> ENTERO S SPREAD LENS              | <input type="checkbox"/> |
|  | <b>28500 0030</b> ENTERO S SOFTENING LENS           | <input type="checkbox"/> |
|  | <b>28500 0040</b> ENTERO S GLASS SBL                | <input type="checkbox"/> |
|  | <b>28500 0050 B</b> ENTERO S HONEYCOMB SINGLE USE B | <input type="checkbox"/> |
|  | <b>28500 0060 B</b> ENTERO S HONEYCOMB DOUBLE USE B | <input type="checkbox"/> |

# DELTALIGHT

## ENTERO RD-S 93045

28402 9330 FW

### Replaceable reflector / lens



**19810 0180** SPY 52 REFLECTOR 20°

☐

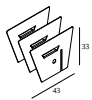
**19810 0190** SPY 52 REFLECTOR 45°

☐

**19810 0240** SPY 52 REFLECTOR 30°

☐

### Mounting set S2



**28500 0190** ENTERO RD-S MOUNTING SET S2

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Notes: