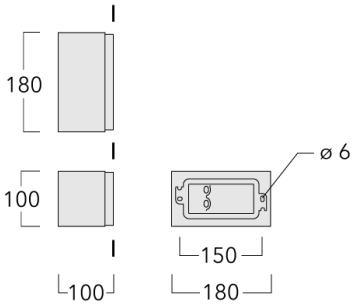
# RLS410 LED

## Wall luminaires surface mounted




**Description**

IP66. Class I. Class II on request. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Luminaire can be mounted for up or down lighting.

# Specifications

## Material description

| | |
|---|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours | RAL9004 Signal black<br>RAL9006 White aluminium<br>RAL9007 Grey aluminium<br>RAL7016 Anthracite grey<br>RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE |

## Electrical description

| | |
|---|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Standard. Optional DALI version available. To be specified at time of ordering. |
| Power factor | > 0.9 |
| Surge protection | 1/2 kV |

## Additional information

| | |
|---|---|
| Lifetime | Ta=25° L90B10 > 90000h |

# Options

## Light distribution


rectangular, side throw [R45]


symmetric, medium beam [M]


symmetric, narrow beam [E]

## Colour temperature

3000 K

4000 K

2700 K

## Nominal Watt

0 W

## Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|---|---|---|---|---|---|
| rectangular, side throw [R45]  | 131-9601 | LED-3/6W / 700 mA - 2700 K | 510.4 | 7.5 W | 80 | 1.90 |
| | 131-9602 | LED-3/9W / 1050 mA - 2700 K | 734.3 | 11 W | 80 | 1.90 |
| | 131-9603 | LED-3/13W / 1400 mA - 2700 K | 931.3 | 14 W | 80 | 1.90 |
| | 131-9960 | LED-3/6W / 700 mA - 3000 K | 548.2 | 7.5 W | 80 | 1.90 |
| | 131-9961 | LED-3/6W / 700 mA - 4000 K | 586 | 7.5 W | 80 | 1.90 |
| | 131-9962 | LED-3/9W / 1050 mA - 3000 K | 770.1 | 11 W | 80 | 1.90 |
| | 131-9963 | LED-3/9W / 1050 mA - 4000 K | 805.9 | 11 W | 80 | 1.90 |
| | 131-9964 | LED-3/13W / 1400 mA - 3000 K | 985 | 14 W | 80 | 1.90 |
| | 131-9965 | LED-3/13W / 1400 mA - 4000 K | 1029.8 | 14 W | 80 | 1.90 |
| symmetric, medium beam [M]  | 131-9604 | LED-3/6W / 700 mA - 2700 K | 650.4 | 7.5 W | 80 | 1.90 |
| | 131-9605 | LED-3/9W / 1050 mA - 2700 K | 972.4 | 11 W | 80 | 1.90 |
| | 131-9606 | LED-3/13W / 1400 mA - 2700 K | 1233.3 | 14 W | 80 | 1.90 |
| | 131-9966 | LED-3/6W / 700 mA - 3000 K | 698.5 | 7.5 W | 80 | 1.90 |
| | 131-9967 | LED-3/6W / 700 mA - 4000 K | 746.7 | 7.5 W | 80 | 1.90 |
| | 131-9968 | LED-3/9W / 1050 mA - 3000 K | 1019.9 | 11 W | 80 | 1.90 |
| | 131-9969 | LED-3/9W / 1050 mA - 4000 K | 1067.3 | 11 W | 80 | 1.90 |
| | 131-9970 | LED-3/13W / 1400 mA - 3000 K | 1304.5 | 14 W | 80 | 1.90 |
| | 131-9971 | LED-3/13W / 1400 mA - 4000 K | 1363.8 | 14 W | 80 | 1.90 |
| symmetric, narrow beam [E]  | 131-9607 | LED-3/6W / 700 mA - 2700 K | 611.6 | 7.5 W | 80 | 1.90 |
| | 131-9608 | LED-3/9W / 1050 mA - 2700 K | 986.2 | 11 W | 80 | 1.90 |
| | 131-9609 | LED-3/13W / 1400 mA - 2700 K | 1250.7 | 14 W | 80 | 1.90 |
| | 131-9972 | LED-3/6W / 700 mA - 3000 K | 656.9 | 7.5 W | 80 | 1.90 |
| | 131-9973 | LED-3/6W / 700 mA - 4000 K | 702.2 | 7.5 W | 80 | 1.90 |
| | 131-9974 | LED-3/9W / 1050 mA - 3000 K | 1034.3 | 11 W | 80 | 1.90 |
| | 131-9975 | LED-3/9W / 1050 mA - 4000 K | 1082.4 | 11 W | 80 | 1.90 |
| | 131-9976 | LED-3/13W / 1400 mA - 3000 K | 1322.9 | 14 W | 80 | 1.90 |
| | 131-9977 | LED-3/13W / 1400 mA - 4000 K | 1383 | 14 W | 80 | 1.90 |

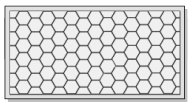
# Optical Accessories

## Colour correction filter

| Description | Part ID |
|---|---|
| IF-3000K > 2400K | 131-9556 |

## Honeycomb louvre

| Description | Part ID |
|---|---|
| IW-RLS410 | 131-9555 |



# Control

## DALI interface

| Description | Part ID | Additional information | C |
|---|---|---|---|
| DALI interface | 430-0013 | DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).<br><br>Dali 2.0<br>-Application controllers and Input devices defined<br>-Single-masters and multi-masters allowed<br>-Event priorities defined<br>-Separate addressing & grouping from control gear<br><br>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed! | 90 |