



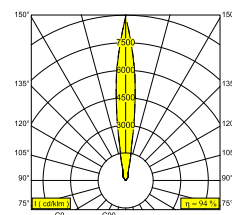
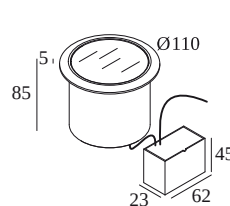
## LOGIC 90 R A 93011

213 48 811 931 ANO

AVAILABLE IN

**ALU ANODIZED** 213 48 811 931 ANO

**BLACK** 213 48 811 931 B



[View on website](#)



### General info

|                                             |                                                                                                                                                                                                                      |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LOCATION</b>                             | outdoor                                                                                                                                                                                                              |
| <b>INSTALLATION</b>                         | Floor Recessed                                                                                                                                                                                                       |
| <b>CUTOUT SHAPE/SIZE (MM)</b>               | round - 93                                                                                                                                                                                                           |
| <b>RECESSED DEPTH (MM)</b>                  | 125                                                                                                                                                                                                                  |
| <b>INGRESS PROTECTION</b>                   | IP67                                                                                                                                                                                                                 |
| <b>PROTECTION AGAINST MECHANICAL IMPACT</b> | IK07                                                                                                                                                                                                                 |
| <b>WEIGHT (KG)</b>                          | 1                                                                                                                                                                                                                    |
| <b>ADJUSTABILITY</b>                        | non adjustable                                                                                                                                                                                                       |
| <b>INFORMATION</b>                          | INCL.CABLE H05 RN-F 2 x 1mm <sup>2</sup> 0,5m<br>REFLECTOR SP-11°<br>INCL.LED POWER SUPPLY 350mA-DC<br>INCL.IP68 CONNECTOR 3P<br>IEC 60598-2-13 : max.150kg 25N/cm <sup>2</sup><br>ESG 5mm<br>BLACK = BLACK ANODISED |

### Electrical info

|                     |                    |
|---------------------|--------------------|
| <b>ELECTRICAL</b>   | 100-240V / 50-60Hz |
| <b>CLASS</b>        | II                 |
| <b>POWER SUPPLY</b> | YES                |
| <b>DIM TYPE</b>     | non-dimmable       |
| <b>ENERGY CLASS</b> | C                  |

### Lightsource info

|                                    |                                                  |
|------------------------------------|--------------------------------------------------|
| <b>LIGHTSOURCE NAME</b>            | LED                                              |
| <b>LIGHTSOURCE</b>                 | LED array 5,8W / CRI>90 (R9: 52) / 3000K / 787lm |
| <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>                   | 11°                                              |
| <b>LED TECHNICS (LIGHT SOURCE)</b> | 787lm // 5,8W // 135lm/W                         |
| <b>LED TECHNICS (LUMINAIRE)</b>    | 741lm // 6,7W // 111lm/W                         |

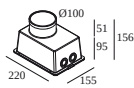
### Options

LOGIC 90 BOX R  
CBOX

For detailed installation instructions, please consult the manual : [213\\_48\\_811\\_XXX\\_HAND.pdf](#)

### FINISH YOUR SPECIFICATION

#### Ground mounting boxes

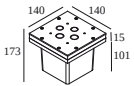


**213 19 09** LOGIC 90 BOX R

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Cutout dimension (mm): 224 x 159

#### Waterproof connection parts



**216 12 00** CBOX

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Cutout dimension (mm): 142 x 142

Notes: