Protect₂.₀

DEFA®

LED · IP65 · DALI · IK10 · SENSOR · 850° · 2,5mm² TW · CE

Protect 2.0 - a all-round robust and vandal resistant IP65 LED fitting

240 · 80

Description
Protect 2.0 - a vandal resistant quality fitting in a circular shape made of high pressure die-cast aluminium, powder painted, corrosion class C5. Diffuser in UV- and vandal resistant polycarbonate. The front ring is fixed with 4 torx screws in stainless steel which are given a Delta seal treatment. DC driver giving a flicker-free light. IP65, IK10, class II, Radar, Twilight and DALI versions class I.

Application areas
P-house, facades, entrances, stairs, public conveniences, pedestrian areas and underpasses.

Mounting
Direct in ceiling or on wall. Pole version, see Arc. The fitting has the same mounting dimension (screw holes) as previous version.

Installation
The fitting is prepared for both open and hidden installation. Push in terminal block 3x2x2,5 mm², DALI versions 5x2x2,5 mm², all versions with through-wiring possibilities.
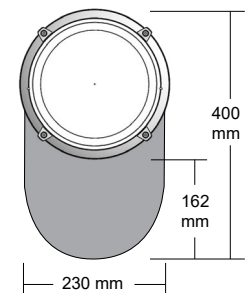
LED module
Colour temperature	3000K - 4000K
Effect fitting	8W
Colour index	RA >70
Colour tolerance	MacAdam 4
Lifetime	L80B50 62.000 h

Sensor
The sensibility is adjusted on the microwave sensor. Likewise, the hold time (exposure time after detected movement) might be adjusted (5 sec - 25 min). The sensor has also a setting for a Twilight function (2 - 30 lux). The Radar version can also be used as Master for other fittings. When all fittings are LED versions Master-Master or Master-Slave-Master can also be used.

Photo-cell
DIP switches on the Twilight Sensor makes it possible to set lux level according to the real application environment. Light keeps off if ambient daylight is sufficient (above the threshold preset). With insufficient natural light, light will automatically turn on.

25 A

400 mm
162 mm
230 mm

House number plate

NB!
A microwave sensor detects all forms of movement, not only from peoples and animals. This means that the sensor might detect movements for instance from branches or leaves. Please allow for this when installing the fitting to avoid unwanted functions.

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DEFA no.	Product	Decor	Colour	Light source			lm fitting	lm/W	Control		Weight
122820	Protect 2.0	Ring	White	8W	3000K		647	90		cl II	1,1 kg
122821	Protect 2.0	Ring	Black	8W	3000K		647	90		cl II	1,1 kg
122822	Protect 2.0	Ring	Alu	8W	3000K		582	80		cl II	1,1 kg
122829	Protect 2.0	Ring	White	8W	4000K		689	93		cl II	1,1 kg
122830	Protect 2.0	Ring	Black	8W	4000K		689	93		cl II	1,1 kg
122831	Protect 2.0	Ring	Alu	8W	4000K		620	85		cl II	1,1 kg
122838	Protect 2.0 Radar	Ring	White	8W	3000K		647	90	Sensor	cl I	1,2 kg
122839	Protect 2.0 Radar	Ring	Black	8W	3000K		647	90	Sensor	cl I	1,2 kg
122840	Protect 2.0 Radar	Ring	Alu	8W	3000K		582	80	Sensor	cl I	1,2 kg
122847	Protect 2.0 Radar	Ring	White	8W	4000K		689	93	Sensor	cl I	1,2 kg
122848	Protect 2.0 Radar	Ring	Black	8W	4000K		689	93	Sensor	cl I	1,2 kg
122849	Protect 2.0 Radar	Ring	Alu	8W	4000K		620	85	Sensor	cl I	1,2 kg
122856	Protect 2.0 Twilight	Ring	White	8W	3000K		647	90	Photo-cell	cl I	1,2 kg
122857	Protect 2.0 Twilight	Ring	Black	8W	3000K		647	90	Photo-cell	cl I	1,2 kg
122858	Protect 2.0 Twilight	Ring	Alu	8W	3000K		582	80	Photo-cell	cl I	1,2 kg
122865	Protect 2.0 Twilight	Ring	White	8W	4000K		689	93	Photo-cell	cl I	1,2 kg
122866	Protect 2.0 Twilight	Ring	Black	8W	4000K		689	93	Photo-cell	cl I	1,2 kg
122867	Protect 2.0 Twilight	Ring	Alu	8W	4000K		620	85	Photo-cell	cl I	1,2 kg
122874	Protect 2.0	Ring	White	8W	3000K		647	90	DALI	cl I	1,1 kg
122875	Protect 2.0	Ring	Black	8W	3000K		647	90	DALI	cl I	1,1 kg
122876	Protect 2.0	Ring	Alu	8W	3000K		582	80	DALI	cl I	1,1 kg
122883	Protect 2.0	Ring	White	8W	4000K		689	93	DALI	cl I	1,1 kg
122884	Protect 2.0	Ring	Black	8W	4000K		689	93	DALI	cl I	1,1 kg
122885	Protect 2.0	Ring	Alu	8W	4000K		620	85	DALI	cl I	1,1 kg

Accessories:

105289	Number plate		White
111437	Number plate		Black

- ❑ **DC Driver**   - flicker-free light
- ❑ **IK 10**   - vandal resistant
- ❑ **Corrosion class C5**   - very high corrosivity - for rough environments
- ❑ **Low building height**   - many application areas both outdoor and indoor
- ❑ **Easy mounting**   - same mounting dimension (screw holes) as previous version