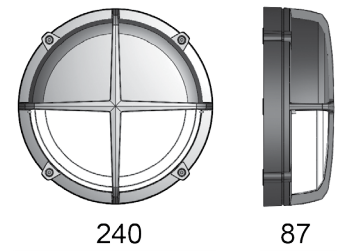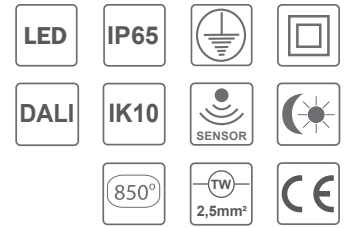# Neptune₂.₀ | Half cover

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

Description
Neptune 2.0 - a vandal resistant quality fitting in a circular shape made of high pressure die-cast aluminium, in natural alu. (unpainted) or powder painted, white RAL 9016, black RAL 9011. 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
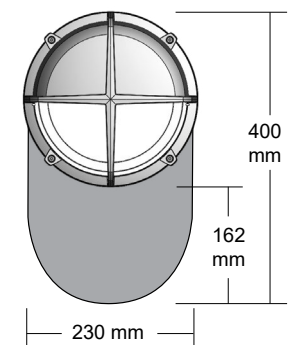|	
Colour temperature	3000K - 4000K
Effect fitting	8W
Colour index	RA >70
Colour tolerance	MacAdam 4
Lifetime	L80B50 62.000 h

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.

LightAdjust
Fittings marked with "LightAdjust" are equipped with a setting which makes it possible to set the preferred light level in 8 steps. By delivery the fittings are set on the highest level.

240   87

House number plate

400 mm
162 mm
230 mm

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.

Neptune₂.₀ | Half cover

<div style="text-align:right">

DEFA®

</div>

DEFA no.	Product	Decor	Colour	Light source		lm fitting	lm/W	Control			Weight
122826	Neptune 2.0	Half cover	White	8W	3000K	330	46		LightAdjust	cl II	1,3 kg
122827	Neptune 2.0	Half cover	Black	8W	3000K	330	46		LightAdjust	cl II	1,3 kg
122828	Neptune 2.0	Half cover	Alu	8W	3000K	256	35		LightAdjust	cl II	1,3 kg
122835	Neptune 2.0	Half cover	White	8W	4000K	352	48		LightAdjust	cl II	1,3 kg
122836	Neptune 2.0	Half cover	Black	8W	4000K	352	48		LightAdjust	cl II	1,3 kg
122837	Neptune 2.0	Half cover	Alu	8W	4000K	274	38		LightAdjust	cl II	1,3 kg
122844	Neptune 2.0 Radar	Half cover	White	8W	3000K	330	46	Sensor	LightAdjust	cl I	1,4 kg
122845	Neptune 2.0 Radar	Half cover	Black	8W	3000K	330	46	Sensor	LightAdjust	cl I	1,4 kg
122846	Neptune 2.0 Radar	Half cover	Alu	8W	3000K	256	35	Sensor	LightAdjust	cl I	1,4 kg
122853	Neptune 2.0 Radar	Half cover	White	8W	4000K	352	48	Sensor	LightAdjust	cl I	1,4 kg
122854	Neptune 2.0 Radar	Half cover	Black	8W	4000K	352	48	Sensor	LightAdjust	cl I	1,4 kg
122855	Neptune 2.0 Radar	Half cover	Alu	8W	4000K	274	38	Sensor	LightAdjust	cl I	1,4 kg
122862	Neptune 2.0 Twilight	Half cover	White	8W	3000K	330	46	Photo-cell	LightAdjust	cl I	1,4 kg
122863	Neptune 2.0 Twilight	Half cover	Black	8W	3000K	330	46	Photo-cell	LightAdjust	cl I	1,4 kg
122864	Neptune 2.0 Twilight	Half cover	Alu	8W	3000K	256	35	Photo-cell	LightAdjust	cl I	1,4 kg
122871	Neptune 2.0 Twilight	Half cover	White	8W	4000K	352	48	Photo-cell	LightAdjust	cl I	1,4 kg
122872	Neptune 2.0 Twilight	Half cover	Black	8W	4000K	352	48	Photo-cell	LightAdjust	cl I	1,4 kg
122873	Neptune 2.0 Twilight	Half cover	Alu	8W	4000K	274	38	Photo-cell	LightAdjust	cl I	1,4 kg
122880	Neptune 2.0	Half cover	White	8W	3000K	330	46	DALI		cl I	1,3 kg
122881	Neptune 2.0	Half cover	Black	8W	3000K	330	46	DALI		cl I	1,3 kg
122882	Neptune 2.0	Half cover	Alu	8W	3000K	256	35	DALI		cl I	1,3 kg
122889	Neptune 2.0	Half cover	White	8W	4000K	352	48	DALI		cl I	1,3 kg
122890	Neptune 2.0	Half cover	Black	8W	4000K	352	48	DALI		cl I	1,3 kg
122891	Neptune 2.0	Half cover	Alu	8W	4000K	274	38	DALI		cl I	1,3 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 dimensions (screw holes) as previous version

W	lumen out 3000K	4000K	1	2	3
7,9	330	352	●	●	●
7,3	296	315	●	●	○
6,7	262	279	●	○	●
6,1	228	243	●	○	○
5,1	194	206	○	●	●
4,4	160	171	○	●	○
3,8	127	136	○	○	●
3,0	95	101	○	○	○

LightAdjust - adjustable light
Fittings marked with "LightAdjust" are equipped with a setting which makes it possible to set the preferred light level in 8 steps. By delivery the fittings are set on the highest level.