**nvc**
Lighting

# NFDLED901
## Professional stadium flood lights

| 25°x75° | 36°x88° | 32°x84° | 50°x88° | 180-305V | CE | IP65 | | Digital | 50000h |

### APPLICATIONS

- Sports facilities
- Area lighting
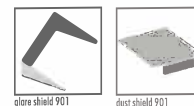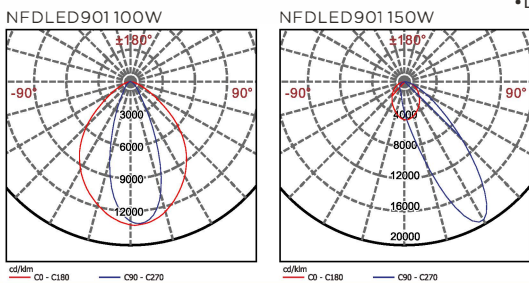- Billboards

### TECHNICAL DETAILS

- Nichia SMD3030 LEDs
- Rated life: 50,000 hours

### CONSTRUCTION

- Die-casting aluminium housing, pre-treated for corrosion resistance
- PC lens
- LEDs on metal core PCB
- Weight and windage:
  • 75W, 100W and 150W, 4.3kg, 0.12m$^2$
  • 200W and 240W, 6.4kg, 0.16m$^2$
- Choice of 3 finishes:
  • Black (similar to RAL 7021)
  • Dark grey (similar to RAL 7037)
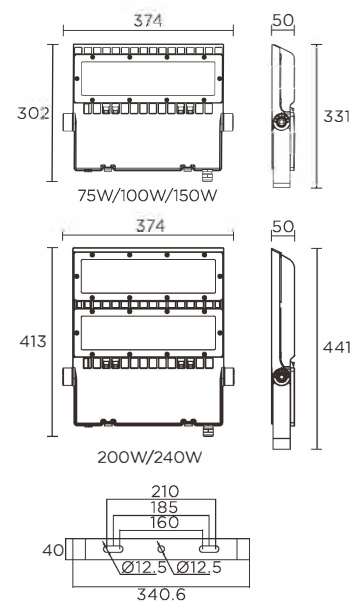  • Light grey (similar to RAL 7023)

### OPTIONS

- Optional NEMA socket
- Optional anti-glare shield to be ordered as a separate item
- Optional anti-dust shield to be ordered as a separate item
- **Dimming:** Fixed output as standard, digital dimming available with seven pin NEMA socket and sensor
- **Version:** Choice of the standard version or dusk-dawn photocell version

glare shield 901          dust shield 901

NFDLED901 100W

NFDLED901 150W

| Model | Watts | Colour temp. | Lumens | CRI | PF |
|---|---|---|---|---|---|
| NFDLED901 75W | 75W | 3000K/4000K/5000K | 9,750 lm | >70 | >0.9 |
| NFDLED901 100W | 100W | 3000K/4000K/5000K | 13,000 lm | >70 | >0.9 |
| NFDLED901 150W | 150W | 3000K/4000K/5000K | 19,500 lm | >70 | >0.9 |
| NFDLED901 200W | 200W | 3000K/4000K/5000K | 26,000 lm | >70 | >0.9 |
| NFDLED901 240W | 240W | 3000K/4000K/5000K | 31,200 lm | >70 | >0.9 |
| **Accessories** | | | | | |
| glare shield 901 | | | | | |
| dust shield 901 | | | | | |

374    50
302    331
75W/100W/150W

374    50
413    441
200W/240W

210
185
160
40    Ø12.5  Ø12.5
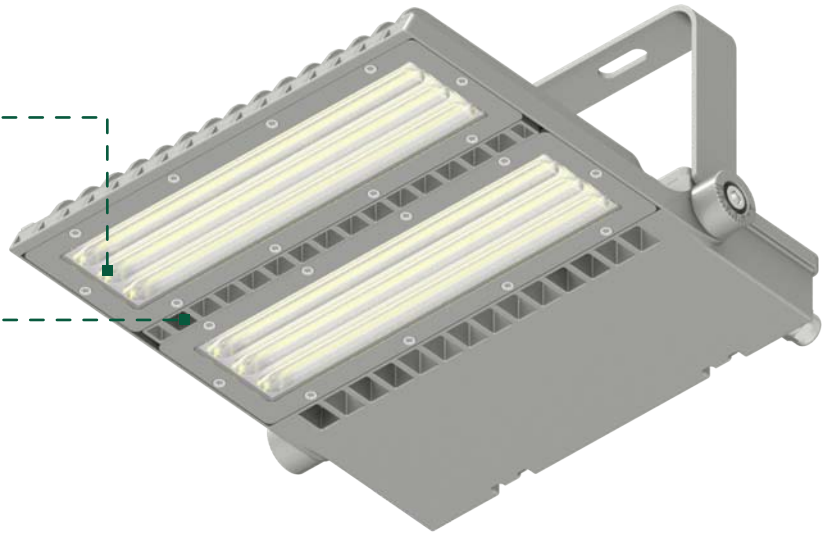340.6

# Structure and details

**Precise light control**
A range of three different lenses is available to give exactly the light distribution that is required.

**Good thermal management for longer life span**
With the LED chips and driver being engineered with ventilation gaps in between them, the luminaire is kept cool, promoting a longer life span.

**Tool-free access with stainless steel clips on the driver cover**

**Optional NEMA socket three or seven pin**

**Easy adjustment**
Accurate aiming is made easy with the provision of graduated markings at the end of the mounting bracket.

**Waterproof**
Supplied with a stainless steel IP65 cable gland fitted, and pre-wired with 3x1.0mm$^2$ H05RN wire.

**Breather valve**
This prevents an excessive pressure difference building up which can compromise the IP rating. It also prevents the accumulation of moisture through condensation.

**Glare shield**
The optional anti-glare shield means this product can be used in residential areas without causing complaints about glare.

**Dust shield**
Rear cover for protection against the build-up of dust and dirt helps maintain good thermal performance.