

# NOVO

NOVO supplies top-class light and is universally usable in the most diverse application areas due to the large variety of versions. The efficient LED technology is well protected inside the luminaire body, which is made of high-quality die-cast aluminium. NOVO is suitable for a wide range of uses as a directional spotlight and as a fixed downlight. Basic or accent lighting – NOVO offers lots of lighting solutions. Matching luminous fluxes of the luminaire, several colour temperatures, a wide trim and various shapes and colours make up the range in this clever system. The plug connections between the operating unit and the luminaire additionally guarantee fast and simple mounting.

## FEATURES

Universally applicable line of products for a truly wide range of projects

Wide trim facilitates recess mounting

The broad range enables practically limitless applications while maintaining a consistent design language

High-quality workmanship, luminaire housing and trim made of die-cast aluminium, powder-coated

Simple to mount thanks to plug connection between control gear and luminaire

## SPECIFICATIONS

The product range comprises 5 different sizes, 5 different degrees of luminous flux, 3 colour temperatures, and luminaire housings in a choice of 3 colour finishes

Available with reflector optics or lens optics

ON/OFF or DALI

Beam angle: 23°, 26°, 27°, 35° or 60°

Inner ring flush-mounted or set back (spotlights), downlights only with inner ring flush-mounted

Operating unit included in delivery

Housing colours: white, brushed aluminium (up to Ø 100 mm) or black

Embedding housing available

## TECHNICAL DATA

|                              |  |
|------------------------------|--|
| System power                 | 6 W, 10 W, 14 W, 17 W, 20 W                |
| Luminous flux of luminaire   | 500 lm, 1000 lm, 1500 lm, 1800 lm, 2300 lm |
| Colour temperature           | 2700 K, 3000 K, 4000 K                     |
| Colour Rendering Index [CRI] | > 90                                       |
| Maintained luminous flux     | L80 [B50] 50'000 h                         |
| Protection class             | II   |
| Ingress Protection           | IP20 / IP44                                |
| Photobiological safety       | Risk group 1, low risk                     |

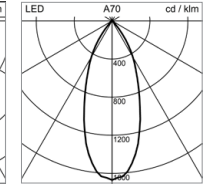
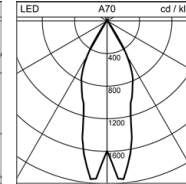
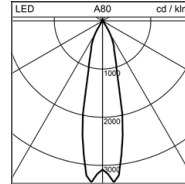
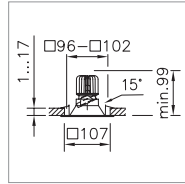
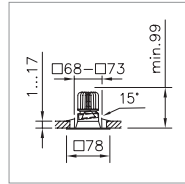
## APPLICATION AREAS

**Retail & Hospitality:** retail spaces, presentation of merchandise, restaurants, hotels, shop windows, exhibition spaces

**Office & Education:** offices, conference rooms, art & culture establishments

**Home & Living**

 230V
  IP20 / IP44
  IK01
  650°C
  650°C



1

2

3

### RECESSED DIRECTIONAL SPOTLIGHT NOVO SQUARE

| Length x width | Optical elements | System power | Luminous flux of luminaire | Colour temperature | Light control | Beam angle | Ref. n° white | Ref. n° brushed aluminium | Ref. n° black |
|----------------|------------------|--------------|----------------------------|--------------------|---------------|------------|---------------|---------------------------|---------------|
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 26°        | 1 2004.5791   | 2004.5793                 | 2004.5792     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 35°        | 3 2005.7385   | 2005.7387                 | 2005.7386     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 60°        | 2 2004.5899   | 2004.5901                 | 2004.5900     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 26°        | 1 2004.5788   | 2004.5790                 | 2004.5789     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 35°        | 3 2005.7382   | 2005.7384                 | 2005.7383     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 60°        | 2 2004.5896   | 2004.5898                 | 2004.5897     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 26°        | 1 2004.5785   | 2004.5787                 | 2004.5786     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 35°        | 3 2005.7373   | 2005.7375                 | 2005.7374     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 60°        | 2 2004.5893   | 2004.5895                 | 2004.5894     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 26°        | 1 2004.5782   | 2004.5784                 | 2004.5783     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 35°        | 3 2005.7370   | 2005.7372                 | 2005.7371     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 60°        | 2 2004.5890   | 2004.5892                 | 2004.5891     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | DALI          | 26°        | 1 2004.5779   | 2004.5781                 | 2004.5780     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | DALI          | 35°        | 3 2005.7361   | 2005.7363                 | 2005.7362     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | DALI          | 60°        | 2 2004.5887   | 2004.5889                 | 2004.5888     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 26°        | 1 2004.5776   | 2004.5778                 | 2004.5777     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 35°        | 3 2005.7358   | 2005.7360                 | 2005.7359     |
| 68 x 68 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 60°        | 2 2004.5884   | 2004.5886                 | 2004.5885     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 4000 K             | DALI          | 35°        | 3 2005.7391   | 2005.7393                 | 2005.7392     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 35°        | 3 2005.7388   | 2005.7390                 | 2005.7389     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 3000 K             | DALI          | 35°        | 3 2005.7379   | 2005.7381                 | 2005.7380     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 35°        | 3 2005.7376   | 2005.7378                 | 2005.7377     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 2700 K             | DALI          | 35°        | 3 2005.7367   | 2005.7369                 | 2005.7368     |
| 68 x 68 mm     | lens             | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 35°        | 3 2005.7364   | 2005.7366                 | 2005.7365     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 26°        | 1 2004.5839   | 2004.5841                 | 2004.5840     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 26°        | 1 2004.5845   | 2004.5847                 | 2004.5846     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 35°        | 3 2005.7499   | 2005.7501                 | 2005.7500     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 60°        | 2 2004.5947   | 2004.5949                 | 2004.5948     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | DALI          | 60°        | 2 2004.5953   | 2004.5955                 | 2004.5954     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 26°        | 1 2004.5836   | 2004.5838                 | 2004.5837     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 26°        | 1 2004.5842   | 2004.5844                 | 2004.5843     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 35°        | 3 2005.7496   | 2005.7498                 | 2005.7497     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 60°        | 2 2004.5944   | 2004.5946                 | 2004.5945     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 60°        | 2 2004.5950   | 2004.5952                 | 2004.5951     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 26°        | 1 2004.5833   | 2004.5835                 | 2004.5834     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 35°        | 3 2005.7482   | 2005.7487                 | 2005.7483     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | DALI          | 60°        | 2 2004.5941   | 2004.5943                 | 2004.5942     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 26°        | 1 2004.5830   | 2004.5832                 | 2004.5831     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 35°        | 3 2005.7479   | 2005.7481                 | 2005.7480     |

| Length x width | Optical elements | System power | Luminous flux of luminaire | Colour temperature | Light control | Beam angle | Ref. n° white      | Ref. n° brushed aluminium | Ref. n° black |
|----------------|------------------|--------------|----------------------------|--------------------|---------------|------------|--------------------|---------------------------|---------------|
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 60°        | <b>2</b> 2004.5938 | 2004.5940                 | 2004.5939     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | DALI          | 35°        | <b>3</b> 2005.7470 | 2005.7472                 | 2005.7471     |
| 96 x 96 mm     | reflector        | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 35°        | <b>3</b> 2005.7467 | 2005.7469                 | 2005.7468     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 4000 K             | DALI          | 35°        | <b>3</b> 2005.7505 | 2005.7507                 | 2005.7506     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 4000 K             | ON/OFF        | 35°        | <b>3</b> 2005.7502 | 2005.7504                 | 2005.7503     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 3000 K             | DALI          | 35°        | <b>3</b> 2005.7493 | 2005.7495                 | 2005.7494     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 3000 K             | ON/OFF        | 35°        | <b>3</b> 2005.7490 | 2005.7492                 | 2005.7491     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 2700 K             | DALI          | 35°        | <b>3</b> 2005.7476 | 2005.7478                 | 2005.7477     |
| 96 x 96 mm     | lens             | 10 W         | 1000 lm                    | 2700 K             | ON/OFF        | 35°        | <b>3</b> 2005.7473 | 2005.7475                 | 2005.7474     |