

Nero D



The Nero D is part of the Nero family. The downlight offers a wide uniform light distribution whilst keeping a minimalist architectural appearance.

This luminaire is constructed from two die-cast parts - the heatsink and bezel. These components are held together at the point of articulation for ease of maintenance.

Product

| | |
|--------|-------|
| Nero D | NER/D |
|--------|-------|

Lumen Output

| | |
|--------|-------|
| 1511lm | /1511 |
| 2014lm | /2014 |

Colour Temperature

| | |
|-------|-----|
| 3000K | /3K |
| 4000K | /4K |
| 6500K | /6K |

Beam Angle

| | |
|----------|-----|
| 75° Beam | /75 |
|----------|-----|

Standard Colours*

| | |
|---|---------|
| White | RAL9016 |
| White | RAL9010 |
| Black | RAL9005 |
| *Other colours available upon special request | |

Mounting

| | |
|-----------------------------|--|
| Recessed mounted as default | |
|-----------------------------|--|

Dimming

| | |
|-------------------------|-----|
| Fixed output as default | |
| DALI dimming | -DA |
| Switch dim/Touch dim | -SD |
| Mains dimming | -MD |
| Casambi | -CA |

Emergency

| | |
|---|-----|
| No emergency facility as default | |
| 3 hour internal pack | -E1 |
| 3 hour internal pack with self-test function | -E2 |
| 3 hour integral pack with DALI reporting function | -E3 |

Lighting Data

| Lumen Output | Wattage | lm/cW |
|----------------|---------|-------|
| 1511lm (4000K) | 15.1W | 100.1 |
| 2014lm (4000K) | 20.1W | 100.2 |

| | |
|---------------------|----------------|
| CCT | 3000K 4000K |
| Light Source | LED CREE |
| SDCM | 3 |
| Longevity (L70/B10) | 60,000 Hours |
| Colour Rendering | RA>82 |
| UGR | <19.0 |

Technical Data

| | |
|------------------------|----------------------|
| IP Rating | IP54 |
| Construction | Diecast Aluminium |
| RAL colour (standard) | 9016 9010 9005 |
| Mounting Method | Recessed |
| Protective class | SELV |
| Impact Resistance (IK) | IK07 |
| Warranty | 5 Years |
| Certification | UKCA, CE, ROHS |

Electrical Data

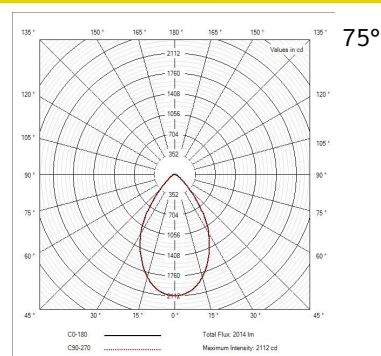
| | |
|----------------------------------|------------|
| Rated Supply Voltage | 220–240 V |
| AC Voltage Range | 198–264 V |
| Mains Frequency | 50/60 Hz |
| Output LF Current Ripple @ 120Hz | <1% |
| Overvoltage Protection | 320 V |
| In-rush Current | 2.5 A |
| THD | <10% |
| Power Factor | 89% |
| Parasitic Load | 2.1W |
| Operating Temperature | -25 +60 °C |

Emergency Data

| EOF | Lumen Output |
|-----|--------------|
| 20% | 280lm |
| 14% | 280lm |

| | |
|-----------------------|----------------------------------|
| Emergency Duration | 3 Hours |
| Recharge Period | 24 Hours |
| Battery Type | LiFePO4 (Lithium Iron Phosphate) |
| Battery Pack | 3 x 3.2V 1.5Ah |
| Parasitic Load | 1.2W |
| Operating Temperature | 0–60 °C |
| Power Efficiency | 95% |
| Certification | CE, ROHS |

Standard Photometry



Dimensions

| | |
|------------|--------------|
| Cutout | Ø110mm |
| Dimensions | Ø126 x 133mm |
| Weight | 2.8 kg |

