# N213

## LED wall light fitting

round wall light fitting with control gear • optional control gear • aluminium ring • housing from aluminium profile • optional colour • optional protective glass • efficient high quality aluminium reflector MD, WF and reflector HU with UGR < 19 • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step

HU

MD

WF

| Order code | Pict. | Power | Flux | Tc | Ra | kg |
|---|---|---|---|---|---|---|
| N213cCWI.108/.. | a | 1 x 8 W | 1140 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.108/.. | a | 1 x 8 W | 1180 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.108/.. | a | 1 x 8 W | 1180 lm | 5000 K | ≥ 80 | 2,1 |
| N213cCWI.110/.. | a | 1 x 10 W | 1400 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.110/.. | a | 1 x 10 W | 1450 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.110/.. | a | 1 x 10 W | 1450 lm | 5000 K | ≥ 80 | 2,1 |
| N213cCWI.114/.. | a | 1 x 14 W | 1950 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.114/.. | a | 1 x 14 W | 2000 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.114/.. | a | 1 x 14 W | 2000 lm | 5000 K | ≥ 80 | 2,1 |
| N213cCWI.120/.. | a | 1 x 20 W | 2600 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.120/.. | a | 1 x 20 W | 2650 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.120/.. | a | 1 x 20 W | 2650 lm | 5000 K | ≥ 80 | 2,1 |
| N213cCWI.129/.. | a | 1 x 29 W | 3500 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.129/.. | a | 1 x 29 W | 3600 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.129/.. | a | 1 x 29 W | 3600 lm | 5000 K | ≥ 80 | 2,1 |
| N213cCWI.137/.. | a | 1 x 37 W | 4200 lm | 3000 K | ≥ 80 | 2,1 |
| N213cCCI.137/.. | a | 1 x 37 W | 4300 lm | 4000 K | ≥ 80 | 2,1 |
| N213cCDI.137/.. | a | 1 x 37 W | 4300 lm | 5000 K | ≥ 80 | 2,1 |

### Higher colour rendering index value - CRI (only for Tc 3000K, 4000K)

**D**

Example of order code assembly: Ra ≥90 — N213c**D**CI.137/WF.D3

### Special chromaticity / spectrum of LED source

**B / I / S / H / K / T / R / Y / F / Z / A / V / P / 6**

Example of order code assembly: spectrum for meat and sausages — N213cC**RI**.137/WF.D3

### Dimmable version (* not available for 8W)

**A* / C / D / T / X / B**

Example of order code assembly: dimmable DALI — N213cCC**D**.137/WF.D3

### Optional types of reflector

**HU / MD / WF**

Example of order code assembly: reflector WF — N213cCCI.137/**WF**.D3

PDF

### Optional types of glass - not possible for HU reflector!

**A1**
acrylic glass

Example of order code assembly:
clear acrylic glass

N213cCWI.137/WF**A1**.D3

LED COB

W3
S3
**D3**
B3

CE F

230V-50Hz

# N213

## LED wall light fitting

wall light fitting with electronic control gear · control gear option · aluminium ring · housing from aluminium profile · colour option · high quality aluminium reflector with opal microprismatic or smooth opal difuser from PMMA · rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C · Standart Deviation Colour Matching MacAdam 3-step

A3

| Order code | Pict. | Power | Flux | Tc | Ra | kg |
|---|---|---|---|---|---|---|
| N213cLWI.107/.. | a | 1 x 7 W | 900 lm | 3000 K | ≥ 80 | 1,6 |
| N213cLCI.107/.. | a | 1 x 7 W | 940 lm | 4000 K | ≥ 80 | 1,6 |
| N213cLDI.107/.. | a | 1 x 7 W | 960 lm | 5000 K | ≥ 80 | 1,6 |
| N213cLWI.110/.. | a | 1 x 10 W | 1240 lm | 3000 K | ≥ 80 | 1,6 |
| N213cLCI.110/.. | a | 1 x 10 W | 1310 lm | 4000 K | ≥ 80 | 1,6 |
| N213cLDI.110/.. | a | 1 x 10 W | 1340 lm | 5000 K | ≥ 80 | 1,6 |
| N213cLWI.114/.. | a | 1 x 14 W | 1700 lm | 3000 K | ≥ 80 | 1,6 |
| N213cLCI.114/.. | a | 1 x 14 W | 1790 lm | 4000 K | ≥ 80 | 1,6 |
| N213cLDI.114/.. | a | 1 x 14 W | 1840 lm | 5000 K | ≥ 80 | 1,6 |
| N213cLWI.120/.. | a | 1 x 20 W | 2360 lm | 3000 K | ≥ 80 | 1,6 |
| N213cLCI.120/.. | a | 1 x 20 W | 2480 lm | 4000 K | ≥ 80 | 1,6 |
| N213cLDI.120/.. | a | 1 x 20 W | 2550 lm | 5000 K | ≥ 80 | 1,6 |

### Higher colour rendering index value - CRI

**M**

Example of order code assembly: Ra ≥90 — N213c**M**DI.120/A3.D3

### Dimmable version

**A / B / D / T**

Example of order code assembly: dimmable DALI — N213cLW**D**.120/A3.D3

### Emergency version

**N**

Example of order code assembly: emergency operation — N213cLWI**N**.120/A3.D3

PDF

### Optional types of acrylic glass

**A3** acrylic — **M3** microprisma

Example of order code assembly:
acrylic glass - opal

N213cLDI.120/**A3**.D3

LED plate

W3
S3
**D3**
B3

230V-50Hz

deos

# N213

## LED wall light fitting

wall light fitting with electronic control gear · control gear option · aluminium ring · housing from aluminium profile · colour option · high quality aluminium reflector with opal microprismatic or smooth opal difuser from PMMA · smooth reflector in black, gold or white colour or RAL on request · median rated operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C · Standard Deviation Colour Matching 3-step

HDA3

SBA3

HGA3

SWA3

| Order code | Pict. | Power | Flux | Tc | Ra | kg |
|---|---|---|---|---|---|---|
| N213cLWI.107/.. .. | a | 1 x 7 W | 900 lm | 3000 K | ≥ 80 | 1,8 |
| N213cLCI.107/.. .. | a | 1 x 7 W | 940 lm | 4000 K | ≥ 80 | 1,8 |
| N213cLDI.107/.. .. | a | 1 x 7 W | 960 lm | 5000 K | ≥ 80 | 1,8 |
| N213cLWI.110/.. .. | a | 1 x 10 W | 1240 lm | 3000 K | ≥ 80 | 1,8 |
| N213cLCI.110/.. .. | a | 1 x 10 W | 1310 lm | 4000 K | ≥ 80 | 1,8 |
| N213cLDI.110/.. .. | a | 1 x 10 W | 1340 lm | 5000 K | ≥ 80 | 1,8 |
| N213cLWI.114/.. .. | a | 1 x 14 W | 1700 lm | 3000 K | ≥ 80 | 1,8 |
| N213cLCI.114/.. .. | a | 1 x 14 W | 1790 lm | 4000 K | ≥ 80 | 1,8 |
| N213cLDI.114/.. .. | a | 1 x 14 W | 1840 lm | 5000 K | ≥ 80 | 1,8 |
| N213cLWI.120/.. .. | a | 1 x 20 W | 2360 lm | 3000 K | ≥ 80 | 1,8 |
| N213cLCI.120/.. .. | a | 1 x 20 W | 2480 lm | 4000 K | ≥ 80 | 1,8 |
| N213cLDI.120/.. .. | a | 1 x 20 W | 2550 lm | 5000 K | ≥ 80 | 1,8 |

### Optional types of reflector

**HD / HG / SB / SW**

Example of order code assembly: refl. smooth in gold colour — N213cLDI.120/**HG**A3.D3

### Higher colour rendering index value - CRI

**M**

Example of order code assembly: Ra ≥90 — N213c**M**DI.120/HDA3.D3

### Dimmable version

**A / B / D / T**

Example of order code assembly: dimmable DALI — N213cLW**D**.120/HDA3.D3

### Emergency version

**N**

Example of order code assembly: emergency operation — N213cLWI**N**.120/HDA3.D3

PDF

### Optional types of acrylic glass

**A3** acrylic — **M3** microprisma

Example of order code assembly:
acrylic glass - opal

N213cLDI.120/HD**A3**.D3

LED plate

W3
S3
**D3**
B3

CE

230V-50Hz

deos

# EXPLANATORY NOTES

## for order code assembly

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | | 8 | 9 | | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | 299 | s | LW | DN | . | 124 | A | / | HD | A3 | . | W3 | B |

| 1 | MOUNTING CATEGORY | | | 2 | PRODUCT CODE | 3 | CONFIGURATION OF LIGHT FITTING |
|---|---|---|---|---|---|---|---|
| V | recessed | L | track | 299 | type marking of light fitting | s | control gear on cable (part of l. fitting) |
| S | ceiling | Z | pendant | 014 | type marking of insert | c | control gear in luminaire (part of l. fitting) |
| N | wall | C | insert of fitting | etc. | | a | control gear in adapter (part of l. fitting) |
| F | floor | | | | | r | control gear in rosette (part of l. fitting) |
| | | | | | | - | without control gear |
| **4** | TYPE OF LIGHT SOURCE (SOCKET) | | | | | | |
| Q0 | LED PAR16 (GU10) | | | E2 | LED A60, A65 (E27) | E2 | LED PAR20, 30, 38 (E27) |
| **4a** | TYPE OF LED LIGHT SOURCE | | | **4b** | CHROMATICITY OF LED SOURCE | **4b** | SPECTRUM OF LED SOURCE |
| A | LED COIN 111 COB, COIN 111 AC Ra >80 | | | I | warm white "interna" (2700 K) | R | spectrum for meat and sausages |
| B | LED COIN 111 COB Ra >90 | | | W | warm white (3000 K) | Y | spectrum for pastry, delicatessen and cheese |
| F | LED COIN 50 COB Ra >80 | | | B | white (3500 K) | F | spectrum for fish |
| G | LED COIN 50 COB Ra >90 | | | C | cool white (4000 K) | Z | spectrum for fruits and vegetables |
| N | LED COIN 35 COB Ra >80 | | | D | daylight white (5000 K) | A | spectrum for art (Ra>97) |
| P | LED COIN 35 COB Ra >90 | | | S | cool daylight (6500 K) | V | spectrum for clothing, fashion |
| L | LED panel Ra >80 | | | K | tunable white - commercial (2700 K-6500 K) | P | spectrum for plant growth |
| M | LED panel Ra >90 | | | T | dim to warm (dimming to warm chroma.) | | |
| C | LED COB Ra >80 | | | | | | |
| D | LED COB Ra >90 | | | | | | |
| H | LED COB Ra >97 | | | | | | |
| **5** | TYPE OF CONTROL GEAR | | | | | **6** | NUMBER AND OUTPUT OF LIGHT SOURCE |
| | BASIC CONFIGURATION | | | | EMERGENCY CONFIGURATION | | NUMBER OF SOURCES, POWER OF FITTING |
| I | non-dimmable constant current driver | | | N | emergency 1h | 108 | 1 x 8 W |
| U | non-dimmable constant voltage driver | | | H | emergency 3h | 114 | 1 x 14 W |
| A | dimmable analog 1-10V | | | F | emergency 1h with autotest | 229 | 2 x 29 W |
| D | dimmable DALI | | | G | emergency 3h with autotest | 337 | 3 x 37 W |
| S | dimmable DSI | | | Z | electronic address module | 443 | 4 x 43 W |
| C | dimmable with CORRIDOR function | | | P | central battery system | | |
| T | dimmable using button 230V | | | | | | |
| W | dimmable using push-button on luminaire | | | | | | |
| L | phase dimmable | | | | | | |
| X | dimmable Tunable white DALI | | | | | | |
| B | dimmable Casambi (Bluetooth) | | | | | | |
| **7** | TYPE OF REFLECTOR | | | | | | TYPE OF DIFFUSER |
| SP | spot - beam angle 10-20° | | | MDG | medium - beam angle 21-34° (gold) | HD | smooth divided |
| MD | medium - beam angle 21-34° | | | FLG | flood - beam angle 35-49° (gold) | HG | powder coated gold (G1) |
| FL | flood - beam angle 35-49° | | | HU | smooth UGR < 19 | SB | powder coated black sand (B3) |
| WF | wideflood - beam angle ≥ 50° | | | MU | matt UGR < 19 | SW | powder coated white sand (W3) |
| | | | | | | xx | optional RAL colour |
| **8** | TYPE OF COVER GLASS / FILTER | | | | | | COLOUR OF COIN COB COVER RING |
| T1 | tempered glass - clear | | | F4 | blue filter | B | black |
| T3 | tempered glass – opal | | | F5 | red filter | W | white |
| A1 | acrylic glass - clear | | | F6 | green filter | | |
| A3 | acrylic glass - opal | | | F8 | orange filter | | |
| M1 | acrylic microprisma - clear | | | FH | honeycomb louvre | | |
| M3 | acrylic microprisma - opal | | | F9 | linear spread lens* | | |
| | | | | | * for use with SP/MD reflector only | | |
| **9** | COLOUR AND FINISH | | | **10** | SPECIAL VERSION | | |
| W3 | white sand interior/exterior | | | B | for assembly in concrete housing | | |
| S3 | silver sand interior | | | F | for assembly in facade insulation | | |
| B3 | black sand interior/exterior | | | KRP | for assembly in lamella ceilings | | |
| D3 | anthracite sand dark interior/exterior | | | P | for assembly in sheet metal ceilings | | |
| S9 | silver sand interior/exterior | | | | | | |
| xx | optional RAL colour | | | | | | |