

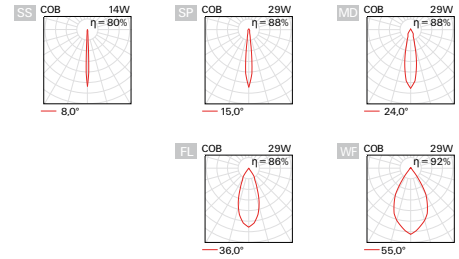
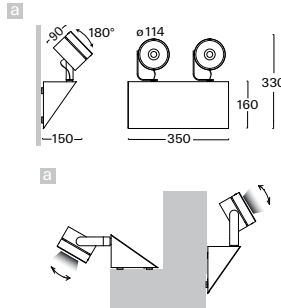
# N315

## LED spotlights

light fitting suitable for niche, ledge or wall assembly • 355° rotatable and 180° tiltable • housing of steel sheet and aluminium profile • efficient high quality aluminium reflectors • colour option • protective glass or optional filter • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step



FL



| Order code                      | Pict. | Power    | Flux        | Tc     | Ra   | kg  |
|---------------------------------|-------|----------|-------------|--------|------|-----|
| <a href="#">N315cCWI.208/..</a> | a     | 2 x 8 W  | 2 x 1140 lm | 3000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCCI.208/..</a> | a     | 2 x 8 W  | 2 x 1180 lm | 4000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCDI.208/..</a> | a     | 2 x 8 W  | 2 x 1180 lm | 5000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCWI.210/..</a> | a     | 2 x 10 W | 2 x 1400 lm | 3000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCCI.210/..</a> | a     | 2 x 10 W | 2 x 1450 lm | 4000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCDI.210/..</a> | a     | 2 x 10 W | 2 x 1450 lm | 5000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCWI.214/..</a> | a     | 2 x 14 W | 2 x 1950 lm | 3000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCCI.214/..</a> | a     | 2 x 14 W | 2 x 2000 lm | 4000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCDI.214/..</a> | a     | 2 x 14 W | 2 x 2000 lm | 5000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCWI.220/..</a> | a     | 2 x 20 W | 2 x 2600 lm | 3000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCCI.220/..</a> | a     | 2 x 20 W | 2 x 2650 lm | 4000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCDI.220/..</a> | a     | 2 x 20 W | 2 x 2650 lm | 5000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCWI.229/..</a> | a     | 2 x 29 W | 2 x 3500 lm | 3000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCCI.229/..</a> | a     | 2 x 29 W | 2 x 3600 lm | 4000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCDI.229/..</a> | a     | 2 x 29 W | 2 x 3600 lm | 5000 K | ≥ 80 | 1,7 |
| <a href="#">N315cCWI.237/..</a> | a     | 2 x 37 W | 2 x 4200 lm | 3000 K | ≥ 80 | 1,8 |
| <a href="#">N315cCCI.237/..</a> | a     | 2 x 37 W | 2 x 4300 lm | 4000 K | ≥ 80 | 1,8 |
| <a href="#">N315cCDI.237/..</a> | a     | 2 x 37 W | 2 x 4300 lm | 5000 K | ≥ 80 | 1,8 |
| <a href="#">N315cCWI.243/..</a> | a     | 2 x 43 W | 2 x 4900 lm | 3000 K | ≥ 80 | 1,8 |
| <a href="#">N315cCCI.243/..</a> | a     | 2 x 43 W | 2 x 5000 lm | 4000 K | ≥ 80 | 1,8 |
| <a href="#">N315cCDI.243/..</a> | a     | 2 x 43 W | 2 x 5000 lm | 5000 K | ≥ 80 | 1,8 |

### Optional types of reflectors (\* max. 14W)

[SS\\*](#) / [SP](#) / [MD](#) / [FL](#) / [WF](#) / [MDG](#) / [FLG](#)

Example of order code assembly: reflector with beam angle MD

[N315cCCI.220/MD.D3](#)

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

**D**

Example of order code assembly: Ra ≥90

[N315cDCI.220/MD.D3](#)

### Dimmable version (\*\* not possible for 8W)

[A\\*\\*](#) / [B](#) / [C](#) / [D](#) / [T](#) / [L\\*\\*](#) / [X](#) / [W](#)

Example of order code assembly: dimmable DALI

[N315cCCD.220/MD.D3](#)



LED COB

W3

S3

D3

B3



230V-50Hz

PDF

### Optional types of glass / filters



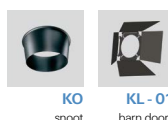
Example of order code assembly:

[honeycomb](#)

[N315cCCI.220/MDFH.D3](#)

PDF

### Accessories



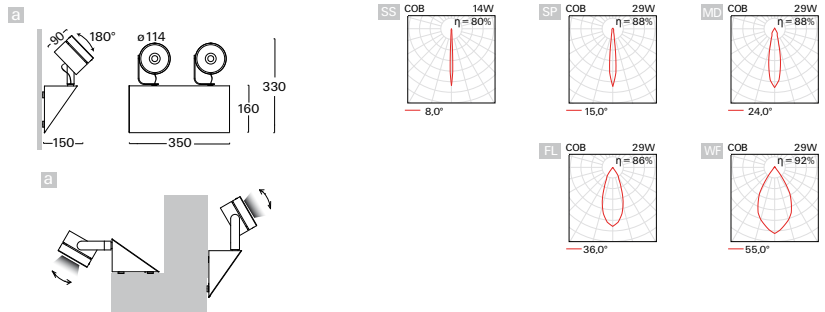
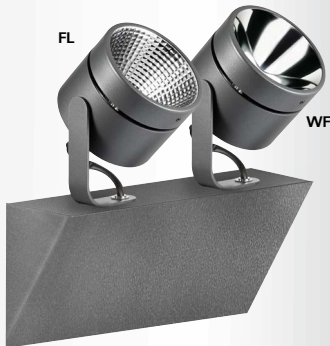
KO  
snoot

KL-01  
barn doors

# N315

## LED multisource system

luminaire BASE for niche, ledge or wall assembly • modules „INSERT„ ordered separately • 355° rotatable and 180° tiltable • housing of steel sheet and aluminium profile • efficient high quality aluminium reflectors • colour option • protective glass or optional filter • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • protective glass or optional filter



| Order code BASE | Power        | kg  |
|-----------------|--------------|-----|
| N315.2x         | max 2 x 43 W | 0,6 |

| Order code INSERT | Pict. | Power    | Flux    | Tc     | Ra   | kg  |
|-------------------|-------|----------|---------|--------|------|-----|
| C014cCWI.108/..   | a     | 1 x 8 W  | 1140 lm | 3000 K | ≥ 80 | 0,5 |
| C014cCCI.108/..   | a     | 1 x 8 W  | 1180 lm | 4000 K | ≥ 80 | 0,5 |
| C014cCDI.108/..   | a     | 1 x 8 W  | 1180 lm | 5000 K | ≥ 80 | 0,5 |
| C014cCWI.110/..   | a     | 1 x 10 W | 1400 lm | 3000 K | ≥ 80 | 0,5 |
| C014cCCI.110/..   | a     | 1 x 10 W | 1450 lm | 4000 K | ≥ 80 | 0,5 |
| C014cCDI.110/..   | a     | 1 x 10 W | 1450 lm | 5000 K | ≥ 80 | 0,5 |
| C014cCWI.114/..   | a     | 1 x 14 W | 1950 lm | 3000 K | ≥ 80 | 0,5 |
| C014cCCI.114/..   | a     | 1 x 14 W | 2000 lm | 4000 K | ≥ 80 | 0,5 |
| C014cCDI.114/..   | a     | 1 x 14 W | 2000 lm | 5000 K | ≥ 80 | 0,5 |
| C014cCWI.120/..   | a     | 1 x 20 W | 2600 lm | 3000 K | ≥ 80 | 0,5 |
| C014cCCI.120/..   | a     | 1 x 20 W | 2650 lm | 4000 K | ≥ 80 | 0,5 |
| C014cCDI.120/..   | a     | 1 x 20 W | 2650 lm | 5000 K | ≥ 80 | 0,5 |
| C014cCWI.129/..   | a     | 1 x 29 W | 3500 lm | 3000 K | ≥ 80 | 0,5 |
| C014cCCI.129/..   | a     | 1 x 29 W | 3600 lm | 4000 K | ≥ 80 | 0,5 |
| C014cCDI.129/..   | a     | 1 x 29 W | 3600 lm | 5000 K | ≥ 80 | 0,5 |
| C014cCWI.137/..   | a     | 1 x 37 W | 4200 lm | 3000 K | ≥ 80 | 0,6 |
| C014cCCI.137/..   | a     | 1 x 37 W | 4300 lm | 4000 K | ≥ 80 | 0,6 |
| C014cCDI.137/..   | a     | 1 x 37 W | 4300 lm | 5000 K | ≥ 80 | 0,6 |
| C014cCWI.143/..   | a     | 1 x 43 W | 4900 lm | 3000 K | ≥ 80 | 0,6 |
| C014cCCI.143/..   | a     | 1 x 43 W | 5000 lm | 4000 K | ≥ 80 | 0,6 |
| C014cCDI.143/..   | a     | 1 x 43 W | 5000 lm | 5000 K | ≥ 80 | 0,6 |

### Example of order

|        |  |  |
|--------|--|--|
| BASE   | 1x BASE for 2 inserts in colour - silver structure                       | N315.2xS3                                |
| INSERT | 1x INSERT C014 - 20 W / WF / 4000K<br>1x INSERT C014 - 29 W / FL / 4000K | C014cCCI.120/WF.S3<br>C014cCCI.129/FL.S3 |

### Optional types of insert reflector (\* max. 14W)

SS\* / SP / MD / FL / WF / MDG / FLG

Example of order code assembly: reflector with beam angle MD C014cCCI.120/MD.D3

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

D

Example of order code assembly: Ra ≥90 C014cDCI.120/MD.D3

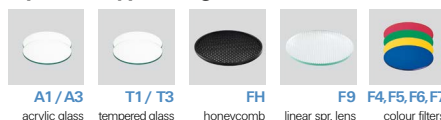
### Dimmable version of insert (\*\*not possible for 8W)

A\*\* / B / C / D / T / L\*\* / X / W

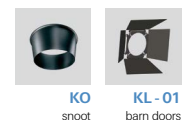
Example of order code assembly: dimmable DALI C014cCCD.120/MD.D3

PDF

### Optional types of glass / filters for insert



### Accessories



LED COB

W3   
S3   
D3   
B3



230V-50Hz

# 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                                  | B | luminaire base    |      |   |  | 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 AC, COIN 111              |   |                   | I    | warm white "interna" (2700 K)               |  | R   | spectrum for meat and sausages                 |  |  |  |  |
| L  | LED plate Ra >80                       |   |                   | W    | warm white (3000 K)                         |  | Y   | spectrum for pastry, delicatessen and cheese   |  |  |  |  |
| M  | LED plate Ra >90                       |   |                   | B    | white (3500 K)                              |  | F   | spectrum for fish                              |  |  |  |  |
| C  | LED COB Ra >80                         |   |                   | C    | cool white (4000 K)                         |  | Z   | spectrum for fruits and vegetables             |  |  |  |  |
| D  | LED COB Ra >90                         |   |                   | D    | daylight white (5000 K)                     |  | A   | spectrum for art (Ra>97)                       |  |  |  |  |
|    |  |   |                   | S    | cool daylight (6500 K)                      |  | V   | spectrum for clothing, fashion                 |  |  |  |  |
|    |  |   |                   | H    | tunable white - residential (1800 K-4000 K) |  | P   | spectrum for plant growth                      |  |  |  |  |
|    |  |   |                   | K    | tunable white - commercial (2700 K-6500 K)  |  | 6   | blue spectrum                                  |  |  |  |  |
|    |  |   |                   | T    | dim to warm (dimming to warm chroma.)       |  |     |  |  |  |  |  |
| 5  | TYPE OF CONTROL GEAR                   |   |                   |      |   |  | 6   | NUMBER AND OUTPUT OF LIGHT SOURCE              |  |  |  |  |
|    | BASIC CONFIGURATION                    |   |                   |      | EMERGENCY CONFIGURATION                     |  |     | NUMBER OF SOURCES, POWER OF FITTING            |  |  |  |  |
| A  | dimmable analog 1-10V                  |   |                   | N    | emergency 1h                                |  | 108 | 1 x 8 W  |  |  |  |  |
| D  | dimmable DALI                          |   |                   | H    | emergency 3h                                |  | 114 | 1 x 14 W                                       |  |  |  |  |
| S  | dimmable DSI                           |   |                   | Z    | electronic address module                   |  | 229 | 2 x 29 W                                       |  |  |  |  |
| C  | dimmable CORRIDOR function             |   |                   | P    | central battery system                      |  | 337 | 3 x 37 W                                       |  |  |  |  |
| T  | dimmable using button 230V             |   |                   |      |   |  | 443 | 4 x 43 W                                       |  |  |  |  |
| W  | individually dimmable using button     |   |                   |      |   |  |     |  |  |  |  |  |
| L  | phase dimmable                         |   |                   |      |   |  |     |  |  |  |  |  |
| I  | constant current driver                |   |                   |      |   |  |     |  |  |  |  |  |
| X  | Tunable white DALI                     |   |                   |      |   |  |     |  |  |  |  |  |
| B  | Casambi (Bluetooth)                    |   |                   |      |   |  |     |  |  |  |  |  |
| U  | constant voltage driver                |   |                   |      |   |  |     |  |  |  |  |  |
| 7  | TYPE OF REFLECTOR                      |   |                   |      |   |  |     | TYPE OF DIFFUSER                               |  |  |  |  |
| SS | super spot - beam angle <10°           |   |                   | MDG  | medium reflector - gold                     |  | HD  | smooth divided                                 |  |  |  |  |
| SP | spot - beam angle 10-20°               |   |                   | FLG  | flood reflector - gold                      |  | HG  | smooth gold (G1)                               |  |  |  |  |
| MD | medium - beam angle 21-34°             |   |                   | HU   | smooth UGR < 19                             |  | SB  | smooth in black sand (B3)                      |  |  |  |  |
| FL | flood - beam angle 35-49°              |   |                   | MU   | matt UGR < 19                               |  | SW  | smooth in white sand (W3)                      |  |  |  |  |
| WF | wideflood - beam angle ≥ 50°           |   |                   |      |   |  |     |  |  |  |  |  |
| 8  | TYPE OF COVER GLASS / FILTER           |   |                   |      |   |  |     |  |  |  |  |  |
| T1 | tempered glass - clear                 |   |                   | F4   | blue filter                                 |  | FH  | honeycomb louvre                               |  |  |  |  |
| T3 | tempered glass - opal                  |   |                   | F5   | red filter                                  |  | F9  | linear spread lens*                            |  |  |  |  |
| A1 | acrylic glass - clear                  |   |                   | F6   | green filter                                |  |     |  |  |  |  |  |
| A3 | acrylic glass - opal                   |   |                   | F7   | yellow filter                               |  |     |  |  |  |  |  |
| M3 | acrylic microprisma - opal             |   |                   |      |   |  |     | * for use with SP/MD reflector only            |  |  |  |  |
| P1 | acrylic prisma - clear                 |   |                   |      |   |  |     |  |  |  |  |  |
| 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        |  |     |  |  |  |  |  |
| xx | optional RAL colour                    |   |                   |      |   |  |     |  |  |  |  |  |