

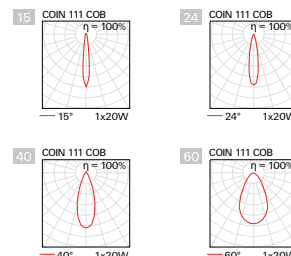
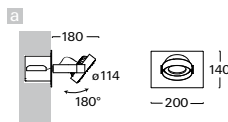
# D313

## LED spotlights in-built - wall mounted

in-built light fitting for wall assembly • 355° rotatable and 180° tiltable • electronic control gear with COIN 111 COB • construction: steel sheet, stainless steel covers • colour option • optional colour of COIN 111 COB cover ring black or white • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 2-step

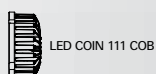


COIN 111 COB B



| Order code                      | Angle       | Pict. | Power    | Flux    | Tc     | Ra   | kg  |
|---------------------------------|-------------|-------|----------|---------|--------|------|-----|
| <a href="#">D313sBII.108/..</a> | 15/24/40/60 | a     | 1 x 8 W  | 748 lm  | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.108/..</a> | 15/24/40/60 | a     | 1 x 8 W  | 952 lm  | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.108/..</a> | 15/24/40/60 | a     | 1 x 8 W  | 986 lm  | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.110/..</a> | 15/24/40/60 | a     | 1 x 10 W | 902 lm  | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.110/..</a> | 15/24/40/60 | a     | 1 x 10 W | 1148 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.110/..</a> | 15/24/40/60 | a     | 1 x 10 W | 1189 lm | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.114/..</a> | 15/24/40/60 | a     | 1 x 14 W | 1232 lm | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.114/..</a> | 15/24/40/60 | a     | 1 x 14 W | 1568 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.114/..</a> | 15/24/40/60 | a     | 1 x 14 W | 1624 lm | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.120/..</a> | 15/24/40/60 | a     | 1 x 20 W | 1672 lm | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.120/..</a> | 15/24/40/60 | a     | 1 x 20 W | 2128 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.120/..</a> | 15/24/40/60 | a     | 1 x 20 W | 2204 lm | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.128/..</a> | 15/24/40/60 | a     | 1 x 28 W | 2380 lm | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.128/..</a> | 15/24/40/60 | a     | 1 x 28 W | 2905 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.128/..</a> | 15/24/40/60 | a     | 1 x 28 W | 3045 lm | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.136/..</a> | 24/40/60    | a     | 1 x 36 W | 2992 lm | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.136/..</a> | 24/40/60    | a     | 1 x 36 W | 3652 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.136/..</a> | 24/40/60    | a     | 1 x 36 W | 3828 lm | 4000 K | ≥ 80 | 1,2 |
| <a href="#">D313sBII.142/..</a> | 24/40/60    | a     | 1 x 42 W | 3400 lm | 2700 K | ≥ 90 | 1,2 |
| <a href="#">D313sAWI.142/..</a> | 24/40/60    | a     | 1 x 42 W | 4150 lm | 3000 K | ≥ 80 | 1,2 |
| <a href="#">D313sACI.142/..</a> | 24/40/60    | a     | 1 x 42 W | 4350 lm | 4000 K | ≥ 80 | 1,2 |

The shown value of luminous flux is useful luminous flux in solid angle 90°. The value depends on the beam angle of the light source.



LED COIN 111 COB

- W3
- S3
- D3
- B3



230V-50Hz

### Higher colour rendering index (CRI) 2700K only for Ra90

B

Example of order code assembly: Ra ≥ 90

[D313sBCI.128/24B.D3](#)

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

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

Example of order code assembly: dimmable DALI

[D313sACD.128/24B.D3](#)

### Optional beam angle

15 / 24 / 40 / 60

Example of order code assembly: LED source with beam angle 24°

[D313sACI.128/24B.D3](#)

### Optional colour of COIN 111 COB covering ring

B / W

Example of order code assembly: black ring COIN 111 COB

[D313sACI.128/24B.D3](#)

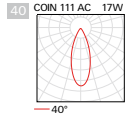
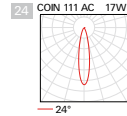
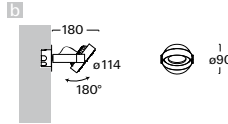
# D313

## LED spotlights in-built - wall mounted

in-built light fitting for wall assembly • 355° rotatable and 180° tiltable • source COIN 111 AC • construction: steel sheet, stainless steel covers • colour option • rated median operational life-time of luminaire 35 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step

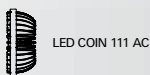


COIN 111 AC



| Order code                     | Angle | Pict. | Power    | Flux    | Tc     | Ra   | kg  |
|--------------------------------|-------|-------|----------|---------|--------|------|-----|
| <a href="#">D313-AW.112/..</a> | 24/40 | b     | 1 x 12 W | 1165 lm | 3000 K | ≥ 80 | 0,8 |
| <a href="#">D313-AC.112/..</a> | 24/40 | b     | 1 x 12 W | 1200 lm | 4000 K | ≥ 80 | 0,8 |
| <a href="#">D313-AW.117/..</a> | 24/40 | b     | 1 x 17 W | 1649 lm | 3000 K | ≥ 80 | 0,8 |
| <a href="#">D313-AC.117/..</a> | 24/40 | b     | 1 x 17 W | 1698 lm | 4000 K | ≥ 80 | 0,8 |

The shown value of luminous flux is useful luminous flux in solid angle 90°. The value depends on the beam angle of the light source.



LED COIN 111 AC

- W3
- S3
- D3**
- B3



230V-50Hz

### Optional beam angle

**24 / 40**

Example of order code assembly: LED source with beam angle 24°

[D313-AW.117/24.D3](#)

# 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                          |   |                   |      |  |  |     |  |  |  |  |  |
| 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                               |  |  |  |  |
| SS | super spot - beam angle <10°            |   |                   | MDG  | medium - beam angle 21-34° (gold)          |  | HD  | smooth divided                                 |  |  |  |  |
| SP | spot - beam angle 10-20°                |   |                   | FLG  | flood - beam angle 35-49° (gold)           |  | HG  | powder coated gold (G1)                        |  |  |  |  |
| MD | medium - beam angle 21-34°              |   |                   | HU   | smooth UGR < 19                            |  | SB  | powder coated black sand (B3)                  |  |  |  |  |
| FL | flood - beam angle 35-49°               |   |                   | MU   | matt UGR < 19                              |  | SW  | powder coated white sand (W3)                  |  |  |  |  |
| WF | wideflood - beam angle ≥ 50°            |   |                   |      |  |  | 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                    |   |                   | F7   | yellow 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       |  |     |  |  |  |  |  |
| xx | optional RAL colour                     |   |                   |      |  |  |     |  |  |  |  |  |