

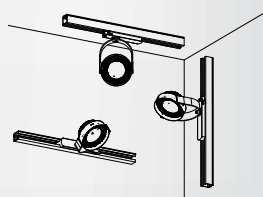
L313

LED spotlights

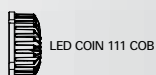
light fitting for feeding tracks • 355° rotatable and 180° tiltable • three-phase adapter with integrated control gear and light source COIN 111 COB • construction: steel sheet • colour option • optional colour of COIN 111 COB cover ring black or white • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 2-step • mounting on both horizontal and vertical tracks



LED COIN 111 COB B



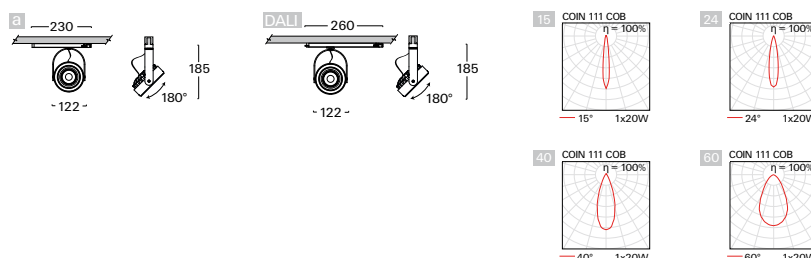
MULTIPLE MOUNTING OPTIONS



LED COIN 111 COB



230V-50Hz



Order code	Angle	Pict.	Power	Flux	Tc	Ra	kg
L313aBII.108/..	15/24/40/60	a	1 x 8 W	748 lm	2700 K	≥ 90	0,8
L313aAWI.108/..	15/24/40/60	a	1 x 8 W	952 lm	3000 K	≥ 80	0,8
L313aACI.108/..	15/24/40/60	a	1 x 8 W	986 lm	4000 K	≥ 80	0,8
L313aBII.110/..	15/24/40/60	a	1 x 10 W	902 lm	2700 K	≥ 90	0,8
L313aAWI.110/..	15/24/40/60	a	1 x 10 W	1148 lm	3000 K	≥ 80	0,8
L313aACI.110/..	15/24/40/60	a	1 x 10 W	1189 lm	4000 K	≥ 80	0,8
L313aBII.114/..	15/24/40/60	a	1 x 14 W	1232 lm	2700 K	≥ 90	0,8
L313aAWI.114/..	15/24/40/60	a	1 x 14 W	1568 lm	3000 K	≥ 80	0,8
L313aACI.114/..	15/24/40/60	a	1 x 14 W	1624 lm	4000 K	≥ 80	0,8
L313aBII.120/..	15/24/40/60	a	1 x 20 W	1672 lm	2700 K	≥ 90	0,8
L313aAWI.120/..	15/24/40/60	a	1 x 20 W	2128 lm	3000 K	≥ 80	0,8
L313aACI.120/..	15/24/40/60	a	1 x 20 W	2204 lm	4000 K	≥ 80	0,8
L313aBII.128/..	15/24/40/60	a	1 x 28 W	2380 lm	2700 K	≥ 90	0,8
L313aAWI.128/..	15/24/40/60	a	1 x 28 W	2905 lm	3000 K	≥ 80	0,8
L313aACI.128/..	15/24/40/60	a	1 x 28 W	3045 lm	4000 K	≥ 80	0,8
L313aBII.136/..	24/40/60	a	1 x 36 W	2992 lm	2700 K	≥ 90	0,8
L313aAWI.136/..	24/40/60	a	1 x 36 W	3652 lm	3000 K	≥ 80	0,8
L313aACI.136/..	24/40/60	a	1 x 36 W	3828 lm	4000 K	≥ 80	0,8
L313aBII.142/..	24/40/60	a	1 x 42 W	3400 lm	2700 K	≥ 90	0,8
L313aAWI.142/..	24/40/60	a	1 x 42 W	4150 lm	3000 K	≥ 80	0,8
L313aACI.142/..	24/40/60	a	1 x 42 W	4350 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.

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

B

Example of order code assembly: Ra ≥90

L313aBII.128/24B.D3

Dimmable version

D / B

Example of order code assembly: dimmable DALI

L313aACD.128/24B.D3

Optional beam angle

15 / 24 / 40 / 60

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

L313aACI.128/24B.D3

Optional colour of COIN 111 COB covering ring

B / W

Example of order code assembly: black ring COIN 111 COB

L313aACI.128/24B.D3



Accessories



Tracks
3-Phase syst.



Tracks
Pulse Control

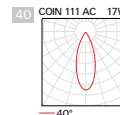
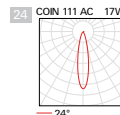
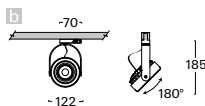
L313

LED spotlights

light fitting for feeding tracks • 355° rotatable and 180° tiltable • light source COIN 111 AC • construction: steel sheet • colour option • rated median operational life-time of luminaire 35 000 L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • mounting on both horizontal and vertical tracks

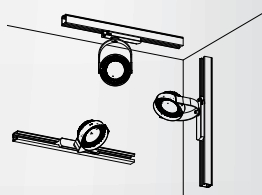


LED COIN 111 AC



Order code	Angle	Pict.	Power	Flux	Tc	Ra	kg
L313-AW.112/..	24/40	b	1 x 12 W	1165 lm	3000 K	≥ 80	0,6
L313-AC.112/..	24/40	b	1 x 12 W	1200 lm	4000 K	≥ 80	0,6
L313-AW.117/..	24/40	b	1 x 17 W	1649 lm	3000 K	≥ 80	0,6
L313-AC.117/..	24/40	b	1 x 17 W	1698 lm	4000 K	≥ 80	0,6

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.



MULTIPLE MOUNTING OPTIONS



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°

L313-AW.117/24.D3



Accessories



Tracks
3-Phase syst.

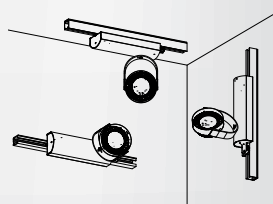
L313

LED spotlights

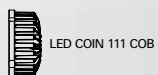
light fitting for feeding tracks • 355° rotatable and 180° tiltable • electronic control gear with light source COIN 111 COB • construction: steel sheet and aluminium die-cast • colour option • optional colour of COIN 111 COB cover ring black or white • rated median operational life-time of luminaire 50 000h L70/B50 Ta = 25°C • Standard Deviation Colour Matching MacAdam 2-step • mounting on both horizontal and vertical tracks



LED COIN 111 COB B



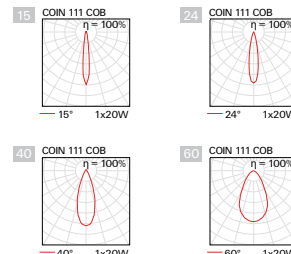
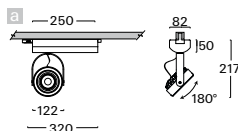
MULTIPLE MOUNTING OPTIONS



LED COIN 111 COB



230V-50Hz



Order code	Angle	Pict.	Power	Flux	Tc	Ra	kg
L313cBII.108/..	15/24/40/60	a	1 x 8 W	748 lm	2700 K	≥ 90	1,4
L313cAWI.108/..	15/24/40/60	a	1 x 8 W	952 lm	3000 K	≥ 80	1,4
L313cACI.108/..	15/24/40/60	a	1 x 8 W	986 lm	4000 K	≥ 80	1,4
L313cBII.110/..	15/24/40/60	a	1 x 10 W	902 lm	2700 K	≥ 90	1,4
L313cAWI.110/..	15/24/40/60	a	1 x 10 W	1148 lm	3000 K	≥ 80	1,4
L313cACI.110/..	15/24/40/60	a	1 x 10 W	1189 lm	4000 K	≥ 80	1,4
L313cBII.114/..	15/24/40/60	a	1 x 14 W	1232 lm	2700 K	≥ 90	1,4
L313cAWI.114/..	15/24/40/60	a	1 x 14 W	1568 lm	3000 K	≥ 80	1,4
L313cACI.114/..	15/24/40/60	a	1 x 14 W	1624 lm	4000 K	≥ 80	1,4
L313cBII.120/..	15/24/40/60	a	1 x 20 W	1672 lm	2700 K	≥ 90	1,4
L313cAWI.120/..	15/24/40/60	a	1 x 20 W	2128 lm	3000 K	≥ 80	1,4
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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.

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

B

Example of order code assembly: **Ra ≥90**

L313cBCL128/24B.D3

Dimmable version (* not possible for 8W)

A* / D / C / T / W / B

Example of order code assembly: **dimmable DALI**

L313cACA.128/24B.D3

Optional beam angle

15 / 24 / 40 / 60

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

L313cACA.128/24B.D3

Optional colour of COIN 111 COB covering ring

B / W

Example of order code assembly: **black ring COIN 111 COB**

L313cACI.128/24B.D3



Accessories



Tracks
3-Phase syst.



Tracks
Pulse Control

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 S N F	recessed ceiling wall floor	L Z C	track pendant insert of fitting	299 014 etc.	type marking of light fitting type marking of insert	s c a r -	control gear on cable (part of I. fitting) control gear in luminaire (part of I. fitting) control gear in adapter (part of I. fitting) control gear in rosette (part of I. 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 B F G N P L M C D H	LED COIN 111 COB, COIN 111 AC Ra >80 LED COIN 111 COB Ra >90 LED COIN 50 COB Ra >80 LED COIN 50 COB Ra >90 LED COIN 35 COB Ra >80 LED COIN 35 COB Ra >90 LED panel Ra >80 LED panel Ra >90 LED COB Ra >80 LED COB Ra >90 LED COB Ra >97			I W B C D S K T	warm white "interna" (2700 K) warm white (3000 K) white (3500 K) cool white (4000 K) daylight white (5000 K) cool daylight (6500 K) tunable white - commercial (2700 K-6500 K) dim to warm (dimming to warm chroma.)	R Y F Z A V P	spectrum for meat and sausages spectrum for pastry, delicatessen and cheese spectrum for fish spectrum for fruits and vegetables spectrum for art (Ra>97) spectrum for clothing, fashion spectrum for plant growth
5	TYPE OF CONTROL GEAR					6	NUMBER AND OUTPUT OF LIGHT SOURCE
BASIC CONFIGURATION				EMERGENCY CONFIGURATION		NUMBER OF SOURCES, POWER OF FITTING	
I U A D S C T W L X B	non-dimmable constant current driver non-dimmable constant voltage driver dimmable analog 1-10V dimmable DALI dimmable DSI dimmable with CORRIDOR function dimmable using button 230V dimmable using push-button on luminaire phase dimmable dimmable Tunable white DALI dimmable Casambi (Bluetooth)			N H F G Z P	emergency 1h emergency 3h emergency 1h with autotest emergency 3h with autotest electronic address module central battery system	108 114 229 337 443	1 x 8 W 1 x 14 W 2 x 29 W 3 x 37 W 4 x 43 W
7	TYPE OF REFLECTOR				TYPE OF DIFFUSER		
SP MD FL WF	spot - beam angle 10-20° medium - beam angle 21-34° flood - beam angle 35-49° wideflood - beam angle ≥ 50°			MDG FLG HU MU	medium - beam angle 21-34° (gold) flood - beam angle 35-49° (gold) smooth UGR < 19 matt UGR < 19	HD HG SB SW xx	smooth divided powder coated gold (G1) powder coated black sand (B3) powder coated white sand (W3) optional RAL colour
8	TYPE OF COVER GLASS / FILTER				COLOUR OF COIN COB COVER RING		
T1 T3 A1 A3 M1 M3	tempered glass - clear tempered glass – opal acrylic glass - clear acrylic glass - opal acrylic micropisma - clear acrylic micropisma - opal			F4 F5 F6 F8 FH F9	blue filter red filter green filter orange filter honeycomb louvre linear spread lens* * for use with SP/MD reflector only	B W	black white
9	COLOUR AND FINISH			10	SPECIAL VERSION		
W3 S3 B3 D3 S9 xx	white sand interior/exterior silver sand interior black sand interior/exterior anthracite sand dark interior/exterior silver sand interior/exterior optional RAL colour			B F KRP P	for assembly in concrete housing for assembly in facade insulation for assembly in lamella ceilings for assembly in sheet metal ceilings		