L213

LED track light fittings

track luminaire with electronic control gear ▪ optional control gear ▪ aluminium ring ▪ housing from aluminium powder painted 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



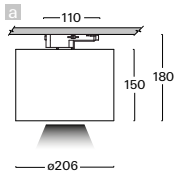
HU

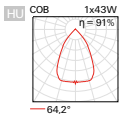


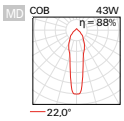
MD

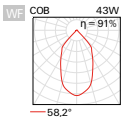


WF









Order code	Pict.	Power	Flux	Tc	Ra	kg
L213cCWI.108/..	a	1 x 8 W	1140 lm	3000 K	≥ 80	2,0
L213cCCI.108/..	a	1 x 8 W	1180 lm	4000 K	≥ 80	2,0
L213cCDI.108/..	a	1 x 8 W	1180 lm	5000 K	≥ 80	2,0
L213cCWI.110/..	a	1 x 10 W	1400 lm	3000 K	≥ 80	2,0
L213cCCI.110/..	a	1 x 10 W	1450 lm	4000 K	≥ 80	2,0
L213cCDI.110/..	a	1 x 10 W	1450 lm	5000 K	≥ 80	2,0
L213cCWI.114/..	a	1 x 14 W	1950 lm	3000 K	≥ 80	2,0
L213cCCI.114/..	a	1 x 14 W	2000 lm	4000 K	≥ 80	2,0
L213cCDI.114/..	a	1 x 14 W	2000 lm	5000 K	≥ 80	2,0
L213cCWI.120/..	a	1 x 20 W	2600 lm	3000 K	≥ 80	2,0
L213cCCI.120/..	a	1 x 20 W	2650 lm	4000 K	≥ 80	2,0
L213cCDI.120/..	a	1 x 20 W	2650 lm	5000 K	≥ 80	2,0
L213cCWI.129/..	a	1 x 29 W	3500 lm	3000 K	≥ 80	2,2
L213cCCI.129/..	a	1 x 29 W	3600 lm	4000 K	≥ 80	2,2
L213cCDI.129/..	a	1 x 29 W	3600 lm	5000 K	≥ 80	2,2
L213cCWI.137/..	a	1 x 37 W	4200 lm	3000 K	≥ 80	2,2
L213cCCI.137/..	a	1 x 37 W	4300 lm	4000 K	≥ 80	2,2
L213cCDI.137/..	a	1 x 37 W	4300 lm	5000 K	≥ 80	2,2
L213cCWI.143/..	a	1 x 43 W	4900 lm	3000 K	≥ 80	2,2
L213cCCI.143/..	a	1 x 43 W	5000 lm	4000 K	≥ 80	2,2
L213cCDI.143/..	a	1 x 43 W	5000 lm	5000 K	≥ 80	2,2

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

D

Example of order code assembly: Ra ≥90 — L213c**D**CI.143/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 — L213cC**R**I.143/WF.D3

Dimmable version

B / D / T

Example of order code assembly: dimmable DALI — L213cCC**D**.143/WF.D3

Optional types of reflector

HU / MD / WF

Example of order code assembly: reflector WF — L213cCCI.143/**WF**.D3

PDF

Optional types of glass - not possible for HU reflector!



A1
acrylic glass

Example of order code assembly:
clear acrylic glass

L213cCWI.137/WF**A1**.D3

PDF

Accessories



Tracks
page 41

LED COB

W3
S3
D3
B3

230V-50Hz

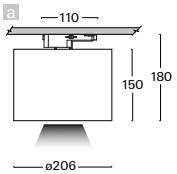
L213

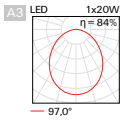
LED track light fittings

track luminaire with electronic control gear ▪ control gear option ▪ housing from aluminium powder painted profile ▪ cover ring from aluminium die-cast ▪ optional colour ▪ high quality aluminium reflector with opal microprismatic or smooth opal difuser from PMMA ▪ ated 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
L213cLWI.107/..	a	1 x 7 W	900 lm	3000 K	≥ 80	1,7
L213cLCI.107/..	a	1 x 7 W	940 lm	4000 K	≥ 80	1,7
L213cLDI.107/..	a	1 x 7 W	960 lm	5000 K	≥ 80	1,7
L213cLWI.110/..	a	1 x 10 W	1240 lm	3000 K	≥ 80	1,7
L213cLCI.110/..	a	1 x 10 W	1310 lm	4000 K	≥ 80	1,7
L213cLDI.110/..	a	1 x 10 W	1340 lm	5000 K	≥ 80	1,7
L213cLWI.114/..	a	1 x 14 W	1700 lm	3000 K	≥ 80	1,7
L213cLCI.114/..	a	1 x 14 W	1790 lm	4000 K	≥ 80	1,7
L213cLDI.114/..	a	1 x 14 W	1840 lm	5000 K	≥ 80	1,7
L213cLWI.120/..	a	1 x 20 W	2360 lm	3000 K	≥ 80	1,7
L213cLCI.120/..	a	1 x 20 W	2480 lm	4000 K	≥ 80	1,7
L213cLDI.120/..	a	1 x 20 W	2550 lm	5000 K	≥ 80	1,7

Higher colour rendering index value - CRI

M

Example of order code assembly: Ra ≥90 — L213c**M**DI.120/A3.D3

Dimmable version

B / D / T

Example of order code assembly: dimmable DALI — L213cLW**D**.120/A3.D3

Optional types of acrylic glass

PDF



A3 acrylic



M3 microprisma

Example of order code assembly: acrylic glass - opal

L213cLDI.120/**A3**.D3

Accessories

PDF



Tracks
page 41

LED plate

W3
S3
D3
B3

230V-50Hz

L213

LED track light fittings

track luminaire with electronic control gear • control gear option • housing from powder painted aluminium profile • covering ring from aluminium die-cast • colour option • high quality aluminium reflector with inner diffuser 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



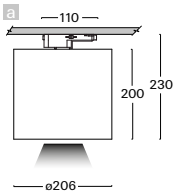
SBA3

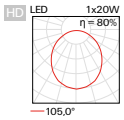


HGA3



SWA3





Order code	Pict.	Power	Flux	Tc	Ra	kg
L213cLWI.107/.. ..	a	1 x 7 W	900 lm	3000 K	≥ 80	2,2
L213cLCI.107/.. ..	a	1 x 7 W	940 lm	4000 K	≥ 80	2,2
L213cLDI.107/.. ..	a	1 x 7 W	960 lm	5000 K	≥ 80	2,2
L213cLWI.110/.. ..	a	1 x 10 W	1240 lm	3000 K	≥ 80	2,2
L213cLCI.110/.. ..	a	1 x 10 W	1310 lm	4000 K	≥ 80	2,2
L213cLDI.110/.. ..	a	1 x 10 W	1340 lm	5000 K	≥ 80	2,2
L213cLWI.114/.. ..	a	1 x 14 W	1700 lm	3000 K	≥ 80	2,2
L213cLCI.114/.. ..	a	1 x 14 W	1790 lm	4000 K	≥ 80	2,2
L213cLDI.114/.. ..	a	1 x 14 W	1840 lm	5000 K	≥ 80	2,2
L213cLWI.120/.. ..	a	1 x 20 W	2360 lm	3000 K	≥ 80	2,2
L213cLCI.120/.. ..	a	1 x 20 W	2480 lm	4000 K	≥ 80	2,2
L213cLDI.120/.. ..	a	1 x 20 W	2550 lm	5000 K	≥ 80	2,2

Optional types of reflector

HD / HG / SB / SW

Example of order code assembly: refl. smooth in gold colour — L213cLDI.120/**HG**A3.D3

Higher colour rendering index value - CRI

M

Example of order code assembly: Ra ≥90 — L213c**M**DI.120/A3.D3

Dimmable version

B / D / T

Example of order code assembly: dimmable DALI — L213cLW**D**.120/A3.D3

PDF

Optional types of acrylic glass



A3
acrylic



M3
microprisma

Example of order code assembly:
acrylic glass - opal

L213cLDI.120/**A3**.D3

PDF

Accessories



Tracks
page 41

LED plate

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					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	J	warm white "amber" (2200 K)	R	spectrum for meat and sausages
B	LED COIN 111 COB Ra >90	I	warm white "interna" (2700 K)	Y	spectrum for pastry, delicatessen and cheese
F	LED COIN 50 COB Ra >80	W	warm white (3000 K)	F	spectrum for fish
G	LED COIN 50 COB Ra >90	B	white (3500 K)	Z	spectrum for fruits and vegetables
N	LED COIN 35 COB Ra >80	C	cool white (4000 K)	A	spectrum for art (Ra>97)
P	LED COIN 35 COB Ra >90	D	daylight white (5000 K)	V	spectrum for clothing, fashion
L	LED panel Ra >80	S	cool daylight (6500 K)	P	spectrum for plant growth
M	LED panel Ra >90	K	tunable white - commercial (2700 K-6500 K)		
C	LED COB Ra >80	T	dim to warm (dimming to warm chroma.)		
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
T	dimmable DALI + touch-dim	Z	electronic address module	443	4 x 43 W
C	dimmable with CORRIDOR function	P	central battery system		
S	dimmable DSI				
W	dimmable using push-button on luminaire				
L	phase dimmable				
X	dimmable Tunable white DALI				
B	dimmable Casambi (Bluetooth)				

7	TYPE OF REFLECTOR / OPTICS				TYPE OF DIFFUSER
SS	super spot - beam angle ≤ 14°	XW3	extra wide flood - 3x optics	HD	smooth divided
SP	spot - beam angle 15-20°	XW2	extra wide flood - 2x optics	HG	powder coated gold (G1)
MD	medium - beam angle 21-34°	MDG	medium - beam angle 21-34° (gold)	SB	powder coated black sand (B3)
FL	flood - beam angle 35-49°	FLG	flood - beam angle 35-49° (gold)	SW	powder coated white sand (W3)
WF	wide flood - beam angle 50-69°	HU	smooth UGR < 19	xx	optional RAL colour
XW	extra wide flood - beam angle ≥ 70°	MU	matt UGR < 19		
OV	oval characteristics				
WW	wall-washer characteristics				
	TYPE OF EMERGENCY OPTICS				
OS	Open space	CR	Corridor		
	COLOUR OF OPTICAL SYSTEM		COLOUR OF COIN COB COVER RING	8	TYPE OF COVER GLASS
B	black - matt	B	black	T1	tempered glass - clear
W	white - matt	W	white	A1	acrylic glass - clear
				A3	acrylic glass - opal
				M1	acrylic microprisma - clear
				M3	acrylic microprisma - opal

9	TYPE OF COVER FILTER	9	COLOUR AND FINISH	10	SPECIAL VERSION
F4	blue filter	W3	white sand interior/exterior	B	for assembly in concrete housing
F5	red filter	S3	silver sand interior	F	for assembly in facade insulation
F6	green filter	B3	black sand interior/exterior	KRP	for assembly in lamella ceilings
F8	orange filter	D3	anthracite sand dark interior/exterior	P	for assembly in sheet metal ceilings
FH	honeycomb louvre	S9	silver sand interior/exterior		
F9	linear spread lens*	xx	optional RAL colour		
	* for use with SP/MD reflector only				