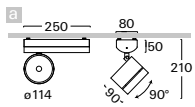
S318

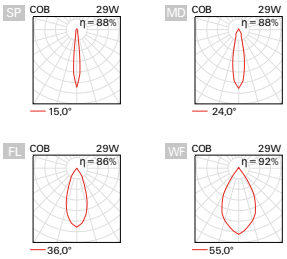
LED spotlights

light fitting for ceiling and wall assembly ▪ 355° rotatable and 90° tiltable ▪ housing from aluminium profile ▪ integrated electronic control gear ▪ colour option ▪ efficient high quality aluminium reflectors ▪ optional protective glass or filter ▪ rated median operational life-time 50 000h L70/B50 at Ta = 25°C ▪ Standard Deviation Colour Matching MacAdam 3 step

FL



if the reflector is pointed upwards it is necessary to add a protective glass



Order code	Pict.	Power	Flux	Tc	Ra	kg
S318cCWI.108/..	a	1 x 8 W	1140 lm	3000 K	≥ 80	1,3
S318cCCI.108/..	a	1 x 8 W	1180 lm	4000 K	≥ 80	1,3
S318cCDI.108/..	a	1 x 8 W	1180 lm	5000 K	≥ 80	1,3
S318cCWI.110/..	a	1 x 10 W	1400 lm	3000 K	≥ 80	1,3
S318cCCI.110/..	a	1 x 10 W	1450 lm	4000 K	≥ 80	1,3
S318cCDI.110/..	a	1 x 10 W	1450 lm	5000 K	≥ 80	1,3
S318cCWI.114/..	a	1 x 14 W	1950 lm	3000 K	≥ 80	1,3
S318cCCI.114/..	a	1 x 14 W	2000 lm	4000 K	≥ 80	1,3
S318cCDI.114/..	a	1 x 14 W	2000 lm	5000 K	≥ 80	1,3
S318cCWI.120/..	a	1 x 20 W	2600 lm	3000 K	≥ 80	1,3
S318cCCI.120/..	a	1 x 20 W	2650 lm	4000 K	≥ 80	1,3
S318cCDI.120/..	a	1 x 20 W	2650 lm	5000 K	≥ 80	1,3
S318cCWI.129/..	a	1 x 29 W	3500 lm	3000 K	≥ 80	1,3
S318cCCI.129/..	a	1 x 29 W	3600 lm	4000 K	≥ 80	1,3
S318cCDI.129/..	a	1 x 29 W	3600 lm	5000 K	≥ 80	1,3
S318cCWI.137/..	a	1 x 37 W	4200 lm	3000 K	≥ 80	1,3
S318cCCI.137/..	a	1 x 37 W	4300 lm	4000 K	≥ 80	1,3
S318cCDI.137/..	a	1 x 37 W	4300 lm	5000 K	≥ 80	1,3
S318cCWI.143/..	a	1 x 43 W	4900 lm	3000 K	≥ 80	1,3
S318cCCI.143/..	a	1 x 43 W	5000 lm	4000 K	≥ 80	1,3
S318cCDI.143/..	a	1 x 43 W	5000 lm	5000 K	≥ 80	1,3

Optional types of reflectors

SP / MD / FL / WF / MDG / FLG

Example of order code assembly: reflector with beam angle MD — S318cCCI.143/**MD**.D3

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

D

Example of order code assembly: Ra ≥90 — S318c**D**CI.143/MD.D3

Dimmable version

B / C / D / T / X / W

Example of order code assembly: dimmable DALI — S318cCC**D**.143/MD.D3

PDF

Optional types of glass / filters

A1 acrylic glass | **T1** tempered glass | **FH** honeycomb | **F9** linear spr. lens | **F4, F5, F6, F8** colour filters

Example of order code assembly: honeycomb

S318cCCD.143/MD**FH**.D3

PDF

Accessories

KO snoot | **KL - 01** barn doors

LED COB

W3
S3
D3
B3

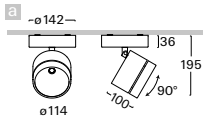
230V-50Hz

S318

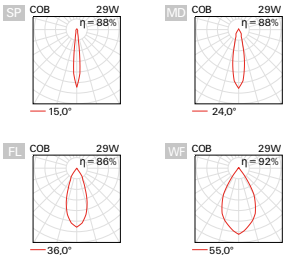
LED spotlights

light fitting for ceiling and wall assembly ▪ 355° rotatable and 90° tiltable ▪ housing from aluminium profile ▪ integrated electronic control gear ▪ colour option ▪ efficient high quality aluminium reflectors ▪ rated median operational life-time 50 000h L70/B50 at Ta = 25°C ▪ Standard Deviation Colour Matching MacAdam 3 step ▪ additional protective glass or optional filter

FL



if the reflector is pointed upwards it is necessary to add a protective glass



Order code	Pict.	Power	Flux	Tc	Ra	kg
S318rCWI.108/..	a	1 x 8 W	1140 lm	3000 K	≥ 80	1,1
S318rCCI.108/..	a	1 x 8 W	1180 lm	4000 K	≥ 80	1,1
S318rCDI.108/..	a	1 x 8 W	1180 lm	5000 K	≥ 80	1,1
S318rCWI.110/..	a	1 x 10 W	1400 lm	3000 K	≥ 80	1,1
S318rCCI.110/..	a	1 x 10 W	1450 lm	4000 K	≥ 80	1,1
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S318rCCI.143/..	a	1 x 43 W	5000 lm	4000 K	≥ 80	1,1
S318rCDI.143/..	a	1 x 43 W	5000 lm	5000 K	≥ 80	1,1

Optional types of reflectors

SP / MD / FL / WF / MDG / FLG

Example of order code assembly: reflector with beam angle MD — S318rCCI.143/**MD**.D3

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

D

Example of order code assembly: Ra ≥90 — S318r**D**CI.143/MD.D3

Dimmable version

D / T

Example of order code assembly: dimmable DALI — S318rCC**D**.143/MD.D3

LED COB

W3
S3
D3
B3

230V-50Hz

PDF

Optional types of glass / filters

A1 acrylic glass | **T1** tempered glass | **FH** honeycomb | **F9** linear spr. lens | **F4, F5, F6, F8** colour filters

Example of order code assembly: honeycomb — S318rCCI.143/MD**FH**.D3

PDF

Accessories

KO snoot | **KL - 01** barn doors

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
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
SP	spot - beam angle 10-20°	XW3	extra wide flood - 3x optics	HD	smooth divided
MD	medium - beam angle 21-34°	XW2	extra wide flood - 2x optics	HG	powder coated gold (G1)
FL	flood - beam angle 35-49°	MDG	medium - beam angle 21-34° (gold)	SB	powder coated black sand (B3)
WF	wide flood - beam angle ≥ 50°	FLG	flood - beam angle 35-49° (gold)	SW	powder coated white sand (W3)
XW	extra wide flood - beam angle ≥ 70°	HU	smooth UGR < 19	xx	optional RAL colour
		MU	matt UGR < 19		

	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				