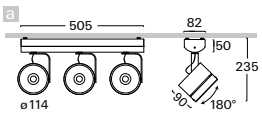
S316

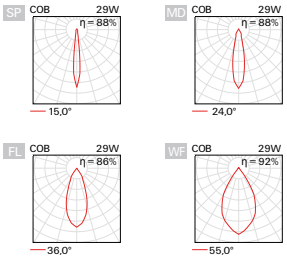
LED spotlights

light fitting for ceiling and wall assembly • 355° rotatable and 180° tiltable • housing of aluminium sheet • optional control gear • colour option • efficient quality aluminium reflectors • 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

FL



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



Order code	Pict.	Power	Flux	Tc	Ra	kg
S316cCWI.308/..	a	3 x 8 W	3 x 1140 lm	3000 K	≥ 80	3,6
S316cCCI.308/..	a	3 x 8 W	3 x 1180 lm	4000 K	≥ 80	3,6
S316cCDI.308/..	a	3 x 8 W	3 x 1180 lm	5000 K	≥ 80	3,6
S316cCWI.310/..	a	3 x 10 W	3 x 1400 lm	3000 K	≥ 80	3,6
S316cCCI.310/..	a	3 x 10 W	3 x 1450 lm	4000 K	≥ 80	3,6
S316cCDI.310/..	a	3 x 10 W	3 x 1450 lm	5000 K	≥ 80	3,6
S316cCWI.314/..	a	3 x 14 W	3 x 1950 lm	3000 K	≥ 80	3,6
S316cCCI.314/..	a	3 x 14 W	3 x 2000 lm	4000 K	≥ 80	3,6
S316cCDI.314/..	a	3 x 14 W	3 x 2000 lm	5000 K	≥ 80	3,6
S316cCWI.320/..	a	3 x 20 W	3 x 2600 lm	3000 K	≥ 80	3,6
S316cCCI.320/..	a	3 x 20 W	3 x 2650 lm	4000 K	≥ 80	3,6
S316cCDI.320/..	a	3 x 20 W	3 x 2650 lm	5000 K	≥ 80	3,6
S316cCWI.329/..	a	3 x 29 W	3 x 3500 lm	3000 K	≥ 80	3,6
S316cCCI.329/..	a	3 x 29 W	3 x 3600 lm	4000 K	≥ 80	3,6
S316cCDI.329/..	a	3 x 29 W	3 x 3600 lm	5000 K	≥ 80	3,6
S316cCWI.337/..	a	3 x 37 W	3 x 4200 lm	3000 K	≥ 80	3,6
S316cCCI.337/..	a	3 x 37 W	3 x 4300 lm	4000 K	≥ 80	3,6
S316cCDI.337/..	a	3 x 37 W	3 x 4300 lm	5000 K	≥ 80	3,6
S316cCWI.343/..	a	3 x 43 W	3 x 4900 lm	3000 K	≥ 80	3,6
S316cCCI.343/..	a	3 x 43 W	3 x 5000 lm	4000 K	≥ 80	3,6
S316cCDI.343/..	a	3 x 43 W	3 x 5000 lm	5000 K	≥ 80	3,6

Optional types of reflectors

SP / MD / FL / WF / MDG / FLG

Example of order code assembly: reflector with beam angle MD — S316cCCI.343/**MD**.D3

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

D

Example of order code assembly: Ra ≥90 — S316c**D**CI.343/MD.D3

Dimmable version (* not possible for 8W)

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

Example of order code assembly: dimmable DALI — S316cCC**D**.343/MD.D3

PDF

Optional types of glasses / 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

S316cCCI.343/MD**FH**.D3

PDF

Accessories

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

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		
V	recessed	L	track
S	ceiling	Z	pendant
N	wall	C	insert of fitting
F	floor		

2	PRODUCT CODE
299	type marking of light fitting
014	type marking of insert
etc.	

3	CONFIGURATION OF LIGHT FITTING
s	control gear on cable (part of l. fitting)
c	control gear in luminaire (part of l. fitting)
a	control gear in adapter (part of l. fitting)
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
A	LED COIN 111 COB, COIN 111 AC Ra >80
B	LED COIN 111 COB Ra >90
F	LED COIN 50 COB Ra >80
G	LED COIN 50 COB Ra >90
N	LED COIN 35 COB Ra >80
P	LED COIN 35 COB Ra >90
L	LED panel Ra >80
M	LED panel Ra >90
C	LED COB Ra >80
D	LED COB Ra >90
H	LED COB Ra >97

4b	CHROMATICITY OF LED SOURCE
I	warm white "interna" (2700 K)
W	warm white (3000 K)
B	white (3500 K)
C	cool white (4000 K)
D	daylight white (5000 K)
S	cool daylight (6500 K)
K	tunable white - commercial (2700 K-6500 K)
T	dim to warm (dimming to warm chroma.)

4b	SPECTRUM OF LED SOURCE
R	spectrum for meat and sausages
Y	spectrum for pastry, delicatessen and cheese
F	spectrum for fish
Z	spectrum for fruits and vegetables
A	spectrum for art (Ra>97)
V	spectrum for clothing, fashion
P	spectrum for plant growth

5	TYPE OF CONTROL GEAR
	BASIC CONFIGURATION
I	non-dimmable constant current driver
U	non-dimmable constant voltage driver
A	dimmable analog 1-10V
D	dimmable DALI
S	dimmable DSI
C	dimmable with CORRIDOR function
T	dimmable using button 230V
W	dimmable using push-button on luminaire
L	phase dimmable
X	dimmable Tunable white DALI
B	dimmable Casambi (Bluetooth)

	EMERGENCY CONFIGURATION
N	emergency 1h
H	emergency 3h
F	emergency 1h with autotest
G	emergency 3h with autotest
Z	electronic address module
P	central battery system

6	NUMBER AND OUTPUT OF LIGHT SOURCE
	NUMBER OF SOURCES, POWER OF FITTING
108	1 x 8 W
114	1 x 14 W
229	2 x 29 W
337	3 x 37 W
443	4 x 43 W

7	TYPE OF REFLECTOR
SP	spot - beam angle 10-20°
MD	medium - beam angle 21-34°
FL	flood - beam angle 35-49°
WF	wideflood - beam angle ≥ 50°

MDG	medium - beam angle 21-34° (gold)
FLG	flood - beam angle 35-49° (gold)
HU	smooth UGR < 19
MU	matt UGR < 19

	TYPE OF DIFFUSER
HD	smooth divided
HG	powder coated gold (G1)
SB	powder coated black sand (B3)
SW	powder coated white sand (W3)
xx	optional RAL colour

8	TYPE OF COVER GLASS / FILTER
T1	tempered glass - clear
T3	tempered glass – opal
A1	acrylic glass - clear
A3	acrylic glass - opal
M1	acrylic microprisma - clear
M3	acrylic microprisma - opal

F4	blue filter
F5	red filter
F6	green filter
F8	orange filter
FH	honeycomb louvre
F9	linear spread lens*
	* for use with SP/MD reflector only

	COLOUR OF COIN COB COVER RING
B	black
W	white

9	COLOUR AND FINISH
W3	white sand interior/exterior
S3	silver sand interior
B3	black sand interior/exterior
D3	anthracite sand dark interior/exterior
S9	silver sand interior/exterior
xx	optional RAL colour

10	SPECIAL VERSION
B	for assembly in concrete housing
F	for assembly in facade insulation
KRP	for assembly in lamella ceilings
P	for assembly in sheet metal ceilings