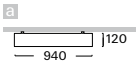
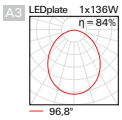
S609

LED downlights

ceiling light fitting with integrated control gear • direct illumination DI version only • housing from powder painted steel sheet • colour option • optional smooth opal or microprismatic opal diffuser from PMMA • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • acessories for pendant version are ordered separately

DI





Order code	Pict.	Power	Flux	Tc	Ra	kg
S609cLWI.180/DI..	a	1 x 80 W	11 760 lm	3000 K	≥ 80	14,9
S609cLCI.180/DI..	a	1 x 80 W	12 440 lm	4000 K	≥ 80	14,9
S609cLDI.180/DI..	a	1 x 80 W	12 800 lm	5000 K	≥ 80	14,9
S609cLWI.136/DI..	a	1 x 136 W	19 760 lm	3000 K	≥ 80	14,9
S609cLCI.136/DI..	a	1 x 136 W	20 920 lm	4000 K	≥ 80	14,9
S609cLDI.136/DI..	a	1 x 136 W	21 520 lm	5000 K	≥ 80	14,9

Higher colour rendering index value - CRI

M

Example of order code assembly: Ra ≥90 — S609c**M**DI.136/DIA3.D3

Other configuration of control gears

D / T

Example of order code assembly: dimmable DALI — S609cLW**D**.136/DIA3.D3

Emergency configuration of control gears

N / H / F / G / P / Z

Example of order code assembly: emergency operation — S609cLWI**N**.136/DIA3.D3

LED plate

W3
S3
D3
B3

230V-50Hz

PDF

Optional types of acrylic glass

A3 acrylic glass

M3 microprisma

Example of order code assembly
acrylic glass - opal

S609cLDI.136/DI**M3**.D3

PDF

Accessories

ZSF-S page 754

ZSE-K page 743

ZSE-P page 743

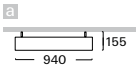
ZVE-K page 745

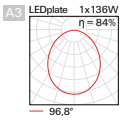
S609

LED downlights

ceiling light fitting with integrated control gear • direct - indirect illumination DN creates enhancing light effect on ceiling • housing from powder painted steel sheet • colour option • optional smooth opal or microprismatic opal diffuser from PMMA • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • diffusive protective cover for indirect illumination

DN





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Higher colour rendering index value - CRI

M

Example of order code assembly: Ra ≥90 — S609c**M**DI.136/DNA3.D3

Other configuration of control gears

D / T

Example of order code assembly: dimmable DALI — S609cLW**D**.136/DNA3.D3

Emergency configuration of control gears

N / H / F / G / P / Z

Example of order code assembly: emergency operation — S609cLW**IN**.136/DNA3.D3

PDF

Optional types of acrylic glass

A3 acrylic glass

M3 microprisma

Example of order code assembly
acrylic glass - opal

S609cLDI.136/DN**M3**.D3

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	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				