S100

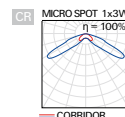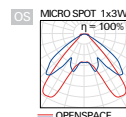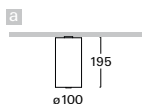## LED emergency downlights

emergency downlight with special optics for lighting of escape routes and open space • emergency operation 1h • housing from aluminium profile • color option • light source is part of light fitting • rated median operational life-time of luminaire 50 000h at Ta = 0 ÷ 40°C • both optics (OS and CR) are included in the packaging, the optics chosen bellow will be installed in the light fitting

a
195
ø100

OS MICRO SPOT 1x3W — OPENSPACE
CR MICRO SPOT 1x3W — CORRIDOR

Order code	Pict.	Power	Flux	Tc	Ra	kg
S100cLSN.103/..	a	1 x 3 W	400 lm	6000 K	≥ 80	0,9

W3
S3
D3
B3

CE   F

230V-50Hz

1

Optional optics (optional distribution characteristics)
OS / CR

Example of order code assembly: Open space optics   S100cLSN.103/**OS**.D3

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
S	dimmable DSI	Z	electronic address module	443	4 x 43 W
C	dimmable with CORRIDOR function	P	central battery system		
T	dimmable using button 230V				
W	dimmable using push-button on luminaire				
L	phase dimmable				
X	dimmable Tunable white DALI				
B	dimmable Casambi (Bluetooth)				

7	TYPE OF REFLECTOR				TYPE OF DIFFUSER
SP	spot - beam angle 10-20°	MDG	medium - beam angle 21-34° (gold)	HD	smooth divided
MD	medium - beam angle 21-34°	FLG	flood - beam angle 35-49° (gold)	HG	powder coated gold (G1)
FL	flood - beam angle 35-49°	HU	smooth UGR < 19	SB	powder coated black sand (B3)
WF	wideflood - beam angle ≥ 50°	MU	matt UGR < 19	SW	powder coated white sand (W3)
				xx	optional RAL colour

	TYPE OF EMERGENCY OPTICS				
OS	Open space	CR	Corridor		

8	TYPE OF COVER GLASS / FILTER				COLOUR OF COIN COB COVER RING
T1	tempered glass - clear	F4	blue filter	B	black
T3	tempered glass – opal	F5	red filter	W	white
A1	acrylic glass - clear	F6	green filter		
A3	acrylic glass - opal	F8	orange filter		
M1	acrylic microprisma - clear	FH	honeycomb louvre		
M3	acrylic microprisma - opal	F9	linear spread lens*		
			* for use with SP/MD reflector only		

9	COLOUR AND FINISH	10	SPECIAL VERSION		
W3	white sand interior/exterior	B	for assembly in concrete housing		
S3	silver sand interior	F	for assembly in facade insulation		
B3	black sand interior/exterior	KRP	for assembly in lamella ceilings		
D3	anthracite sand dark interior/exterior	P	for assembly in sheet metal ceilings		
S9	silver sand interior/exterior				
xx	optional RAL colour				