

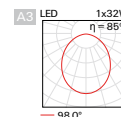
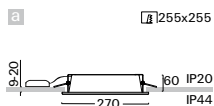
V277

LED downlights

recessed square light fitting with control gear • control gear option • steel frame • inner box from powder painted steel sheet • colour option • opal cover from PMMA or microprisma • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • quick installation without tools • suitable also for assembly in concrete housing • increased IP in closed ceiling



A3



Order code	Pict.	Power	Flux	Tc	Ra	kg
V277sLWI.110/..	a	1 x 10 W	1240 lm	3000 K	≥ 80	1,2
V277sLCI.110/..	a	1 x 10 W	1310 lm	4000 K	≥ 80	1,2
V277sLDI.110/..	a	1 x 10 W	1340 lm	5000 K	≥ 80	1,2
V277sLWI.114/..	a	1 x 14 W	1700 lm	3000 K	≥ 80	1,2
V277sLCI.114/..	a	1 x 14 W	1800 lm	4000 K	≥ 80	1,2
V277sLDI.114/..	a	1 x 14 W	1850 lm	5000 K	≥ 80	1,2
V277sLWI.120/..	a	1 x 20 W	2360 lm	3000 K	≥ 80	1,2
V277sLCI.120/..	a	1 x 20 W	2480 lm	4000 K	≥ 80	1,2
V277sLDI.120/..	a	1 x 20 W	2550 lm	5000 K	≥ 80	1,2
V277sLWI.126/..	a	1 x 26 W	3330 lm	3000 K	≥ 80	1,2
V277sLCI.126/..	a	1 x 26 W	3490 lm	4000 K	≥ 80	1,2
V277sLDI.126/..	a	1 x 26 W	3590 lm	5000 K	≥ 80	1,2
V277sLWI.132/..	a	1 x 32 W	3750 lm	3000 K	≥ 80	1,2
V277sLCI.132/..	a	1 x 32 W	3950 lm	4000 K	≥ 80	1,2
V277sLDI.132/..	a	1 x 32 W	4000 lm	5000 K	≥ 80	1,2

Higher colour rendering index value - CRI

M

Example of order code assembly: Ra ≥90

V277sMDI.132/A3.D3

Dimmable version

A / B / D / T / L

Example of order code assembly: dimmable DALI

V277sLDD.132/A3.D3

Emergency version

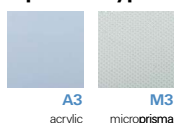
N / H / F / G

Example of order code assembly: emergency operation

V277sLDIN.132/A3.D3

PDF

Optional type of acrylic glass



Example of order code assembly:

acrylic glass - opal

V277sLDI.132/A3.D3

PDF

Accessories



ZPP - 04
page 126

KZMP - 04
page 126

KALP - 04
page 126

KRP
page 126



LED plate

W3

S3

D3

B3



230V-50Hz

V277

LED downlights

recessed square light fitting with control gear • control gear option • steel frame • colour option • efficient high quality aluminium reflector MD, WF and HU reflector 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 • quick installation without tools • increased IP in closed ceiling



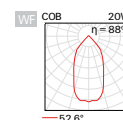
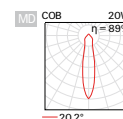
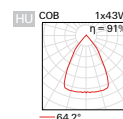
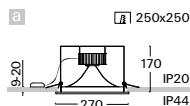
HU



MD



WF



Order code	Pict.	Power	Flux	Tc	Ra	kg
V277sCWl.110/ ..	a	1 x 10 W	1400 lm	3000 K	≥ 80	0.8
V277sCCl.110/ ..	a	1 x 10 W	1450 lm	4000 K	≥ 80	0.8
V277sCDI.110/ ..	a	1 x 10 W	1450 lm	5000 K	≥ 80	0.8
V277sCWl.114/ ..	a	1 x 14 W	1950 lm	3000 K	≥ 80	0.8
V277sCCl.114/ ..	a	1 x 14 W	2000 lm	4000 K	≥ 80	0.8
V277sCDI.114/ ..	a	1 x 14 W	2000 lm	5000 K	≥ 80	0.8
V277sCWl.120/ ..	a	1 x 20 W	2600 lm	3000 K	≥ 80	0.8
V277sCCl.120/ ..	a	1 x 20 W	2650 lm	4000 K	≥ 80	0.8
V277sCDI.120/ ..	a	1 x 20 W	2650 lm	5000 K	≥ 80	0.8
V277sCWl.129/ ..	a	1 x 29 W	3500 lm	3000 K	≥ 80	0.8
V277sCCl.129/ ..	a	1 x 29 W	3600 lm	4000 K	≥ 80	0.8
V277sCDI.129/ ..	a	1 x 29 W	3600 lm	5000 K	≥ 80	0.8
V277sCWl.137/ ..	a	1 x 37 W	4200 lm	3000 K	≥ 80	0.8
V277sCCl.137/ ..	a	1 x 37 W	4300 lm	4000 K	≥ 80	0.8
V277sCDI.137/ ..	a	1 x 37 W	4300 lm	5000 K	≥ 80	0.8
V277sCWl.143/ ..	a	1 x 43 W	4900 lm	3000 K	≥ 80	0.9
V277sCCl.143/ ..	a	1 x 43 W	5000 lm	4000 K	≥ 80	0.9
V277sCDI.143/ ..	a	1 x 43 W	5000 lm	5000 K	≥ 80	0.9
V277sCWl.148/ ..	a	1 x 48 W	5900 lm	3000 K	≥ 80	0.9
V277sCCl.148/ ..	a	1 x 48 W	6050 lm	4000 K	≥ 80	0.9
V277sCDI.148/ ..	a	1 x 48 W	6050 lm	5000 K	≥ 80	0.9

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

D

Example of order code assembly: Ra ≥ 90

V277sDCI.143/WFD3

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

V277sCRI.143/WFD3

Dimmable version

A / C / D / T / L / X / B

Example of order code assembly: dimmable DALI

V277sCCD.143/WFD3

Emergency version

N / H / F / G

Example of order code assembly: emergency operation

V277sCCIN.143/WFD3

Optional types of reflectors

HU / MD / WF

Example of order code assembly: WF reflector

V277sCCl.143/WFD3

PDF Accessories



ZPP - 05
page 126



KZMP - 04
page 126



KALP - 04
page 126



KRP
page 126



LED COB

W3

S3

D3

B3



230V-50Hz

V277

LED downlights

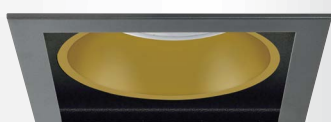
recessed square light fitting with control gear • control gear option • steel frame • colour option • high quality aluminium reflector with inner smooth opal or microprismatic opal diffuser from PMMA • smooth reflector in black, gold, white colour or other RAL colour on request • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • quick installation without tools • increased IP in closed ceiling



HDA3



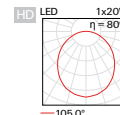
SBA3



HGA3



SWA3



Order code	Pict.	Power	Flux	Tc	Ra	kg
V277sLWI.110/... ..	a	1 x 10 W	1240 lm	3000 K	≥ 80	0.8
V277sLCI.110/... ..	a	1 x 10 W	1310 lm	4000 K	≥ 80	0.8
V277sLDI.110/... ..	a	1 x 10 W	1340 lm	5000 K	≥ 80	0.8
V277sLWI.114/... ..	a	1 x 14 W	1700 lm	3000 K	≥ 80	0.8
V277sLCI.114/... ..	a	1 x 14 W	1800 lm	4000 K	≥ 80	0.8
V277sLDI.114/... ..	a	1 x 14 W	1850 lm	5000 K	≥ 80	0.8
V277sLWI.120/... ..	a	1 x 20 W	2360 lm	3000 K	≥ 80	0.8
V277sLCI.120/... ..	a	1 x 20 W	2480 lm	4000 K	≥ 80	0.8
V277sLDI.120/... ..	a	1 x 20 W	2550 lm	5000 K	≥ 80	0.8
V277sLWI.126/... ..	a	1 x 26 W	3330 lm	3000 K	≥ 80	0.8
V277sLCI.126/... ..	a	1 x 26 W	3490 lm	4000 K	≥ 80	0.8
V277sLDI.126/... ..	a	1 x 26 W	3590 lm	5000 K	≥ 80	0.8

Optional types of reflectors

HD / HG / SB / SW

Example of order code assembly: [reflector smooth](#)

[V277sLWI.126/HDA3.D3](#)

Higher colour rendering index value (CRI)

M

Example of order code assembly: [Ra ≥90](#)

[V277sMWI.126/HDA3.D3](#)

Dimmable version

A / B / D / T / L / X

Example of order code assembly: [dimmable DALI](#)

[V277sLWD.126/HDA3.D3](#)

Emergency version

N / H / F / G

Example of order code assembly: [emergency operation](#)

[V277sLWIN.126/HDA3.D3](#)



LED plate

- W3
- S3
- D3
- B3



230V-50Hz

PDF Optional type of acrylic glass



A3 acrylic



M3 microprisma

Example of order code assembly:
[acrylic glass - opal](#)

[V277sLWI.126/HDA3.D3](#)

PDF Accessories



ZPP - 05 page 126



KZMP - 04 page 126



KALP - 04 page 126



KRP page 126

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												
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					
SS	super spot - beam angle <10°			MDG	medium - beam angle 21-34° (gold)		HD	smooth divided					
SP	spot - beam angle 10-20°			FLG	flood - beam angle 35-49° (gold)		HG	powder coated gold (G1)					
MD	medium - beam angle 21-34°			HU	smooth UGR < 19		SB	powder coated black sand (B3)					
FL	flood - beam angle 35-49°			MU	matt UGR < 19		SW	powder coated white sand (W3)					
WF	wideflood - beam angle ≥ 50°						xx	optional RAL colour					
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			F7	yellow 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								
xx	optional RAL colour												