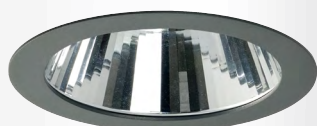


V130

LED downlights

recessed round light fitting with electronic control gear • control gear option • efficient quality aluminium reflector • colour option • steel ring • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • increased IP in closed ceiling possible • quick installation without tools



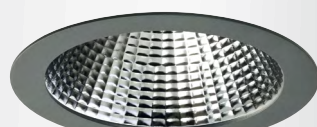
SP



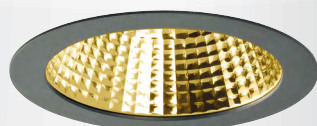
MD



FL



WF



MDG



FLG



LED COB



LED COB AC

W3 ☐

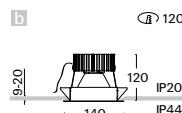
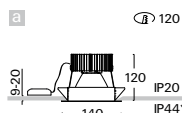
S3 ☐

D3 ☐

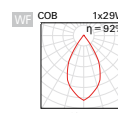
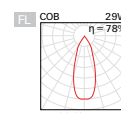
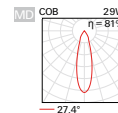
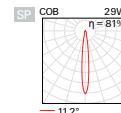
B3 ☐



230V-50Hz



* IP44 under ceiling only with protective acrylic glass A1, A3.



Order code	Pict.	Power	Flux	Tc	Ra	kg
V130sCWl.110/..	a	1 x 10 W	1400 lm	3000 K	≥ 80	1,2
V130sCCl.110/..	a	1 x 10 W	1450 lm	4000 K	≥ 80	1,2
V130sCDl.110/..	a	1 x 10 W	1450 lm	5000 K	≥ 80	1,2
V130sCWl.114/..	a	1 x 14 W	1950 lm	3000 K	≥ 80	1,2
V130sCCl.114/..	a	1 x 14 W	2000 lm	4000 K	≥ 80	1,2
V130sCDl.114/..	a	1 x 14 W	2000 lm	5000 K	≥ 80	1,2
V130sCWl.120/..	a	1 x 20 W	2600 lm	3000 K	≥ 80	1,2
V130sCCl.120/..	a	1 x 20 W	2650 lm	4000 K	≥ 80	1,2
V130sCDl.120/..	a	1 x 20 W	2650 lm	5000 K	≥ 80	1,2
V130sCWl.129/..	a	1 x 29 W	3500 lm	3000 K	≥ 80	1,2
V130sCCl.129/..	a	1 x 29 W	3600 lm	4000 K	≥ 80	1,2
V130sCDl.129/..	a	1 x 29 W	3600 lm	5000 K	≥ 80	1,2
V130-CI.109/..*	b	1 x 9 W	800 lm	2700 K	≥ 80	0,9
V130-CW.109/..*	b	1 x 9 W	800 lm	3000 K	≥ 80	0,9

Optional types of reflectors

SP / MD / FL / WF / MDG / FLG

Example of order code assembly: reflector with beam angle MD

V130sCCl.129/MD.D3

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

D

Example of order code assembly: Ra ≥ 90

V130sDCI.129/MD.D3

Dimmable version (*not available)

A / D / T / L / X / C

Example of order code assembly: dimmable DALI

V130sCCD.129/MD.D3

Emergency version (*not available)

N / H

Example of order code assembly: emergency operation

V130sCCIN.129/MD.D3



Optional types of glasses / filters



A1 / A3
acrylic glass



FH
honeycomb



F9
linear spr. lens

Example of order code assembly:

honeycomb filter

V130sCCl.129/MDFH.D3



Accessories



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KALK - 01
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KRK
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V130

LED downlights

recessed round light fitting with electronic control gear • control gear option • passive cooling module • colour option • steel ring • optional smooth opal, clear prismatic or PMMA opal microprismatic diffuser • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • increased IP in closed ceiling possible • quick installation without tools



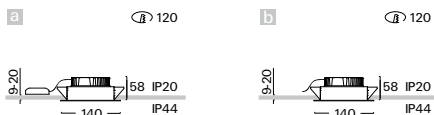
A3



P1



M3



Order code	Pict	Power	Flux	Tc	Ra	kg
V130sCWl.110/..	a	1 x 10 W	1400 lm	3000 K	≥ 80	0,7
V130sCCl.110/..	a	1 x 10 W	1450 lm	4000 K	≥ 80	0,7
V130sCDl.110/..	a	1 x 10 W	1450 lm	5000 K	≥ 80	0,7
V130sCWl.114/..	a	1 x 14 W	1950 lm	3000 K	≥ 80	0,7
V130sCCl.114/..	a	1 x 14 W	2000 lm	4000 K	≥ 80	0,7
V130sCDl.114/..	a	1 x 14 W	2000 lm	5000 K	≥ 80	0,7
V130sCWl.120/..	a	1 x 20 W	2600 lm	3000 K	≥ 80	0,7
V130sCCl.120/..	a	1 x 20 W	2650 lm	4000 K	≥ 80	0,7
V130sCDl.120/..	a	1 x 20 W	2650 lm	5000 K	≥ 80	0,7
V130-CI.109/..*	b	1 x 9 W	800 lm	2700 K	≥ 80	0,6
V130-CW.109/..*	b	1 x 9 W	800 lm	3000 K	≥ 80	0,6

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

D

Example of order code assembly: **Ra ≥ 90**

V130s**DCI**.120/A3.D3

Dimmable version (*not available)

A / D / T / L / X

Example of order code assembly: **dimable DALI**

V130s**CCD**.120/A3.D3

Emergency version

N / H

Example of order code assembly: **emergency operation**

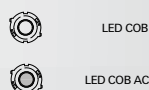
V130s**CCIN**.120/A3.D3

Increased protection of luminaire under ceiling

54

Example of order code assembly: **IP54**

V130s**CCl**.120/A3.D3-**54**



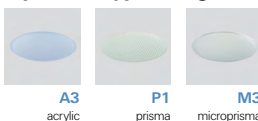
W3 ☐
S3 ☐
D3 ☐
B3 ☐



230V-50Hz

PDF

Optional types of glass



A3

acrylic

P1

prisma

M3

microprisma

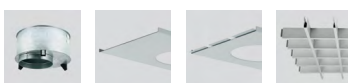
Example of order code assembly:

acrylic glass - opal

V130s**CCl**.120/**A3.D3**

PDF

Accessories



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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	GROUP AFTER ASSEMBLY			2	PRODUCT CODE		3	CONFIGURATION OF LIGHT FITTING	
V	recessed	L	for track	299	type marking of fitting		s	control gear on cable (part of fitting)	
S	ceiling	Z	pendant	5	type marking of insert		c	control gear on fitting (part of fitting)	
N	wall	C	part of fitting	etc.			-	without control gear (or it is not part of fitting)	
F	floor lamp	B	luminaire base						
4	TYPE OF LIGHT SOURCE (SOCKET)								
D4	TC-DEL, TC-TEL (G24q, GX24q)			S2	HST-CRI (GX12)		R1	QT-DE12 150W (R7s L=114,2)	
G0	T16-R (2GX13)			X1	HIT-CE (G12)		R7	QT-DE12 100W (R7s L=75)	
G1	TC-L (2G11)			X2	HIE-CE (E27)		Q0	QPAR16 (GU10)	
G2	TC-F (2G10)			X2	HIPAR20, HIPAR30 (E27)		Q3	QR-LP111 (G53)	
G3	TC-S (G23)			X3	Mercury (E27)		E1	LED (E14)	
G5	CFL-AR111 (GX53)			X5	HIPAR 111 (GX8,5)		E2	A60, A65 (E27)	
G7	TC-SEL (2G7)			X6	HIT-DE-CE 70W (RX7s L=114,2)		E2	R50, R63, R80 (E27)	
G8	TC-TEL (2G8)			X7	HIT-DE-CE 150W (RX7s L=132)		E2	QPAR20, 30, 38 (E27)	
S1	HST-CRI (PG12-1)			X8	HIT-TC-CE (G8,5)		E2	QT32 (E27)	
4a	TYPE OF LED LIGHT SOURCE			4b	CHROMATICITY OF LED SOURCE		4b	SPECTRUM OF LED SOURCE	
A	LED COIN111 AC, COIN111			I	warm white "interna" (2700 K)		R	spectrum for meat and sausages	
L	LED plate Ra >80			W	warm white (3000 K)		Y	spectrum pro pastry, delicatessen and cheese	
M	LED plate Ra >90			B	white (3500 K)		F	spectrum for fish	
C	LED COB Ra >80			C	cool white (4000 K)		Z	spectrum for fruits and vegetables	
D	LED COB Ra >90			D	daylight white (5000 K)		A	spectrum for art (Ra>97)	
				S	cool daylight (6500 K)		V	spectrum for clothing, fashion	
				H	tunable white - residential (1800K-4000K)		6	blue spectrum	
				K	tunable white - commercial (2700K-6500K)				
				T	dim to warm				
5	TYPE OF CONTROL GEAR						6	NUMBER AND OUTPUT OF LIGHT SOURCE	
	BASIC CONFIGURATION				EMERGENCY CONFIGURATION			NUMBER AND POWER OF LED	
E	electronic undimmable			N	emergency 1h			109	1 x 9 W
M	electronic MULTIWATT			H	emergency 3h			226	2 x 26 W
A	electronic dimmable analog 1-10V			F	emergency 1h with autotest			318	3 x 18 W
D	electronic dimmable DALI			G	emergency 3h with autotest			170	1 x 70 W
S	electronic dimmable DSI			Z	electronic address module			115	1 x 150 W, 1 x 15W
C	electronic dimmable CORRIDOR function			P	central battery system			110	1 x 100 W, 1 x 10W
T	electronic dimmable by button 230V			J	emergency 2h				
W	individually dimmable by potentiometer			Q	emergency 2h with autotest			062	4 x 24 W + 4 x 39 W (252 W)
L	el. phase dimmable transformer / driver							252	1 x 22 W + 1 x 40 W (62 W)
R	electronic transformer 230V/12V								
I	LED driver (power factor 0,9)								
X	Tunable white DALI								
7	POSSIBILITIES OF CONNECTION			8	TYPE OF REFLECTOR				
D	2-pole terminal plate (12V)			HL	smooth			FS	facet
A	4-pole terminal plate			HK	smooth with cross louvre			FK	facet with cross louvre
B	5-pole terminal plate			HT	smooth with radial louvre			FT	facet with radial louvre
C	3-pole + 2-pole terminal plate			HD	smooth divided			ML	matt
H	3-pole Wieland			HA	smooth with asymmetric insert			MU	matt wide
J	3-pole 5kV Wieland			HP	smooth sanded			TP	hammered
K	3-pole Wieland 2x			HU	smooth wide			AC	double-asymmetric with shade
L	5-pole Wieland			HS	smooth striped			PR	sanded grooved
M	5-pole Wieland 2x			HB	smooth black gloss (B1)			SD	striped divided
O	3-pole Wago			HG	smooth gold (G1)			SP	spot - beam angle 10-20°
P	5-pole Wago			HW	smooth white gloss (W1)			MD	medium - beam angle 21-34°
Z	4-pole + 2-pole terminal plate			SB	smooth black sand (B3)			FL	flood - beam angle 35-49°
				SW	smooth white sand (W3)			WF	wideflood - beam angle ≥ 50°
				1H	smooth one-side emission			MDG	medium reflektor - gold
				2H	smooth double-side emission				
9	TYPE OF COVER GLASS / FILTER								
T1	tempered glass - clear			P1	acrylic prisma – clear			F6	green filter
T2	tempered glass – raster			FU	UV filter			F7	yellow filter
T3	tempered glass – opal			F1	food filter for meat and sausages			F8	food filter for fruit and vegetables
A1	acrylic glass - clear			F2	food filter for pastry			F9	linear spread lens *
A2	acrylic glass - raster			F3	food filter for fish and ice cream			FH	honeycomb louvre
A3	acrylic glass – opal			F4	blue filter				
M3	acrylic microprisma – opal			F5	red filter				* for use with spot/medium reflector only
10	COLOUR AND FINISH						11	SPECIAL VERSION	
W3	white structure interior/exterior			D3	antracit structure dark interior/exterior			B	adjustment for assembly in concrete housing
S3	silver structure interior			XX	optional RAL colour				
B3	black structure interior								