V170

LED downlights

recessed round light fitting with electronic control gear • control gear option • assembly and cover rings of aluminium die-cast • colour option • quality aluminium reflector smooth or in optional colours • opal acrylic glass • 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 ceilings
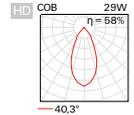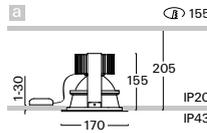
HD

SB

HG

SW

155
205
155
1-30
170
IP20
IP43

HD   COB   29W
η = 58%
40,3°

Order code	Pict.	Power	Flux	Tc	Ra	kg
V170sCWI.108/.. A3	a	1 x 8 W	1140 lm	3000 K	≥ 80	0,7
V170sCCI.108/.. A3	a	1 x 8 W	1180 lm	4000 K	≥ 80	0,7
V170sCDI.108/.. A3	a	1 x 8 W	1180 lm	5000 K	≥ 80	0,7
V170sCWI.110/.. A3	a	1 x 10 W	1400 lm	3000 K	≥ 80	0,7
V170sCCI.110/.. A3	a	1 x 10 W	1450 lm	4000 K	≥ 80	0,7
V170sCDI.110/.. A3	a	1 x 10 W	1450 lm	5000 K	≥ 80	0,7
V170sCWI.114/.. A3	a	1 x 14 W	1950 lm	3000 K	≥ 80	0,7
V170sCCI.114/.. A3	a	1 x 14 W	2000 lm	4000 K	≥ 80	0,7
V170sCDI.114/.. A3	a	1 x 14 W	2000 lm	5000 K	≥ 80	0,7
V170sCWI.120/.. A3	a	1 x 20 W	2600 lm	3000 K	≥ 80	0,7
V170sCCI.120/.. A3	a	1 x 20 W	2650 lm	4000 K	≥ 80	0,7
V170sCDI.120/.. A3	a	1 x 20 W	2650 lm	5000 K	≥ 80	0,7
V170sCWI.129/.. A3	a	1 x 29 W	3500 lm	3000 K	≥ 80	0,7
V170sCCI.129/.. A3	a	1 x 29 W	3600 lm	4000 K	≥ 80	0,7
V170sCDI.129/.. A3	a	1 x 29 W	3600 lm	5000 K	≥ 80	0,7

Optional types of reflectors

HD / HG / SB / SW

Example of order code assembly: reflector smooth gold   V170sCCI.129/**HG**A3.D3

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

D

Example of order code assembly: Ra ≥90   V170s**D**CI.129/HDA3.D3

Dimmable version (* not possible for 8W)

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

Example of order code assembly: dimmable DALI   V170sCC**D**.129/HDA3.D3

Emergency version

N / H / F / G

Example of order code assembly: emergency operation   V170sCCI**N**.129/HDA3.D3

LED COB

W3
S3
D3
B3

CE F

230V-50Hz

PDF

Accessories

ZPK-02/200
page 144

KZMK - 02
page 144

KALK - 02
page 144

KRK
page 144

KV - 03
page 714

deos

1

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

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				