

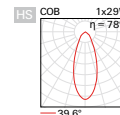
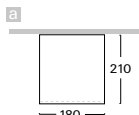
# S481

## LED downlights

ceiling light fitting with integrated control gear • control gear option • passive cooling module • housing of powder painted steel sheet • colour option • high quality aluminium reflector • rated median operational life-time of luminaire 50 000h L70/B50 at Ta = 25°C • Standard Deviation Colour Matching MacAdam 3-step • optional decorative complements and accessories



HS



Order code	Pict.	Power	Flux	Tc	Ra	kg
<a href="#">S481cCWI.114/HS</a>	a	1 x 14 W	1950 lm	3000 K	≥ 80	2,1
<a href="#">S481cCCI.114/HS</a>	a	1 x 14 W	2000 lm	4000 K	≥ 80	2,1
<a href="#">S481cCDI.114/HS</a>	a	1 x 14 W	2000 lm	5000K	≥ 80	2,1
<a href="#">S481cCWI.120/HS</a>	a	1 x 20 W	2600 lm	3000 K	≥ 80	2,1
<a href="#">S481cCCI.120/HS</a>	a	1 x 20 W	2650 lm	4000 K	≥ 80	2,1
<a href="#">S481cCDI.120/HS</a>	a	1 x 20 W	2650 lm	5000K	≥ 80	2,1
<a href="#">S481cCWI.129/HS</a>	a	1 x 29 W	3500 lm	3000 K	≥ 80	2,4
<a href="#">S481cCCI.129/HS</a>	a	1 x 29 W	3600 lm	4000 K	≥ 80	2,4
<a href="#">S481cCDI.129/HS</a>	a	1 x 29 W	3600 lm	5000K	≥ 80	2,4

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

D

Example of order code assembly: Ra ≥90

[S481cDCI.129/HS.D3](#)

### Dimmable version

A / D / T / L

Example of order code assembly: dimmable DALI

[S481cCCD.129/HS.D3](#)

### Emergency version

N

Example of order code assembly: emergency operation

[S481cCCIN.129/HS.D3](#)



LED COB

W3

S3

D3

B3



230V-50Hz

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### Accessories



ZSF  
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### Complements - dimension 02



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QD2 - 02  
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OP2 - 02  
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# S481

## Downlights

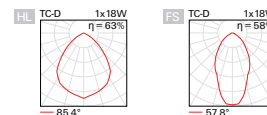
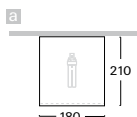
ceiling light fitting with integrated control gear • control gear option • housing of powder painted steel sheet • colour option • quality aluminium reflector smooth or faceted • vertical position of light source • optional decorative complements and accessories



HL



FS



Order code	Pict.	Source	Output	Socket	kg
<a href="#">S481cD4E.113/..</a>	a	TC-DEL	1x13 W	G24q-1	1,8
<a href="#">S481cD4E.118/..</a>	a	TC-DEL	1x18 W	G24q-2	1,8
<a href="#">S481cD4E.126/..</a>	a	TC-DEL	1x26 W	G24q-3	1,8
<a href="#">S481cD4M.142/..</a>	a	TC-TEL	1x26/32/42 W	GX24q	1,8
<a href="#">S481cX2E.170/..</a>	a	HIE	1x70 W	E27	3,3
<a href="#">S481-E2.110/..</a>	a	QT32, A60	max. 1x100 W	E27	1,6

### Optional types of reflectors

#### HL / FS

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

[S481cD4M.142/FS.S3](#)



### Other configuration of control gears for fluorescent lamps

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#### A / D / T

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

[S481cD4D.142/FS.S3](#)



### Emergency configuration of control gears for fluorescent lamps

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#### N / H / F / G / Z / P

Example of order code assembly: [electronic, emergency operation 1h](#)

[S481cD4EN.142/FS.S3](#)



### Accessories



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### Complements - dimension 02



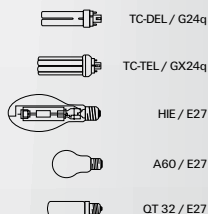
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OP2 - 02  
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230V-50Hz

# 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	GROUP AFTER ASSEMBLY			2	PRODUCT CODE			3	CONFIGURATION OF LIGHT FITTING		
V	recessed	L	for track	289	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)										
D2	TC-D, TC-T (G24d, GX24d)			S2	HST-CRI (GX 12)			R1	QT-DE12 150W (R7s L=114,2)		
D4	TC-DEL, TC-TEL (G24q, GX24q)			X1	HIT-CE (G12)			R7	QT-DE12 100W (R7s L=75)		
G0	T16-R (2GX13)			X2	HIE-CE (E27)			Q0	QPAR16 (GU10)		
G1	TC-L (2G11)			X2	HIPAR20 , HIPAR30 (E27)			Q3	QR-LP111 (G53)		
G2	TC-F (2G10)			X3	Mercury (E27)			Q5	QR-CBC51 (GU5,3)		
G3	TC-S (G23)			X4	HST (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)			V	spectrum for clothing, fashion		
D	LED COB Ra >90			D	daylight white (5000 K)			A	spectrum for art (Ra>97)		
				S	cool daylight (6500 K)			H	tunable white - residential (1800K-4000K)		
							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										