

vizULO



BIRCH

CE RoHS

V 220 - 240
Hz 50 - 60
W 12 - 82
lm Up to 8850
lm/W Up to 110
K 3000 / 4000
°C +10 to +30
CRI >80
PF >0,85

Chromaticity tolerance (initial MacAdam): 3
 DALI / Non dimmable
 Mounting: Pendant / Surface
 Body material: Steel sheet
 Body color: RAL 9016
 Cover type: Prismatic
 50 000 h (L90B50) at Ta = 25 °C
 100 000 h (L80B50) at Ta = 25 °C
 Warranty 5 years



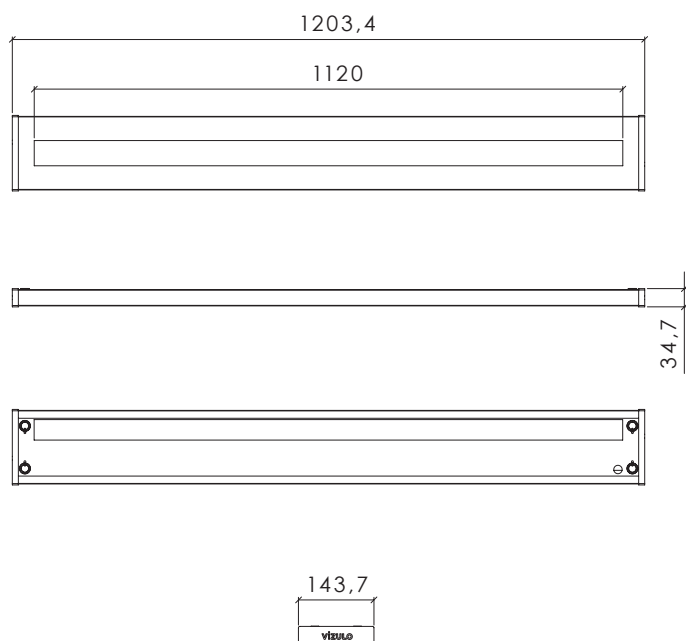
Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes.

Last modified | **2019, 2 October**
Data subject to change

Lenght	NON DIMMABLE		DALI	
	Downlight	Downlight + Uplight	Downlight	Downlight + Uplight
600 mm	12 - 20 W	18 - 30 W	8 - 20 W	12 - 30 W
900 mm	14 - 30 W	26 - 42 W	12 - 30 W	17 - 42 W
1200 mm	19 - 42 W	42 - 60 W	19 - 42 W	42 - 60 W
1500 mm	14 - 50 W	20 - 70 W	14 - 50 W	20 - 70 W
1800 mm	26 - 60 W	25 - 82 W	17 - 60 W	25 - 82 W



| Dimensions



| Accessories

Article

70069003	End cap set, RAL 9016
70069004	Connecting cap, RAL 9016
70069005	Corner connecting cap, RAL 9016

| Accessories



- 70042016 Connection cable 5x1.5mm² (x2.5m) with open end
70042017 Connection cable 5x2.5mm² (x2.5m) with open end



- 70042018 Connection cable 3x1.5mm² (x2.5m) with open end
70042019 Connection cable 3x2.5mm² (x2.5m) with open end



- 70042022 Connection cable 3x1.5mm² (x2.5m) with plug

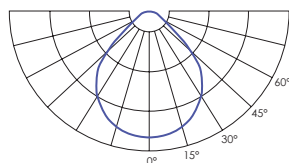


- 70042009 Connection cable 5x1.5mm² (x2.5m) with Ensto(NAC51S.W) 5-way plug
70042014 Connection cable 5x2.5mm² (x2.5m) with Ensto(NAC51S.W) 5-way plug

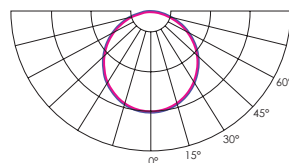


- 70042007 Connection cable 5x1.5mm² (x2.5m) with Wago Winsta(770-115) 5-way plug
70042012 Connection cable 5x2.5mm² (x2.5m) with Wago Winsta(770-115) 5-way plug
70042030 Connection cable with DALI 5x1.5mm² (x2.5m) with Wago Winsta(770-1115) 5-way plug

Optic



Microprismatic



Opal

Model name principles

	BR								
Power [W]	12 ... 82								
Color rendering index	≥80 - 8 ≥90 - 9								
Color temperature [K] Standard values:	2700 ... 6500 3000 K - 30 4000 K - 40								
Mounting	pendant - P surface - S								
Type	singular - S modular - M								
Length	600 mm - 06 900 mm - 09 1200 mm - 12 1500 mm - 15 1800 mm - 18 actual luminaire length differs from the values above								
Color	white - W silver - S								
Diffuser	opal - O microprismatic - U								
Through wiring	yes - Y no - N								
Uplight	no - N yes - U 50/50 - I								
Dimming	non dimmable - N DALI - D 1-10V - A								
Insulation	Class I - I								
Sensor	no sensor - 0 presence (PIR) - P light and presence - S								
Emergency	no emergency - 0 1 hour - 1 3 hours - 3								

EXAMPLE BR 20 840 SS06 WU NN N100

| High quality components

LEDs used



Osram Midpower

Drivers used

First Priority ND

TRIDONIC



Second Priority ND

OSRAM



HELVAR



First Priority DD

TRIDONIC



Second Priority DD

OSRAM



HELVAR



Articles

Birch non dimmable

Article	Model Number	Rated input power	Size	CCT	CRI	Luminous flux, lm	Luminous efficacy, lm/W	Cover	Dimming	Uplight
69000012	BR 20 840 SS06 WU NN N100	20 W	600 mm	4000 K	>80	1920 lm	96 lm/W	Prismatic	ND	-
69000013	BR 20 840 PS06 WU NN N100	20 W	600 mm	4000 K	>80	1920 lm	96 lm/W	Prismatic	ND	-
69000014	BR 30 840 PS06 WU NI N100	30 W	600 mm	4000 K	>80	3110 lm	104 lm/W	Prismatic	ND	50:50
69000015	BR 30 840 SS09 WU NN N100	30 W	900 mm	4000 K	>80	2990 lm	99 lm/W	Prismatic	ND	-
69000016	BR 30 840 PS09 WU NN N100	30 W	900 mm	4000 K	>80	2990 lm	99 lm/W	Prismatic	ND	-
69000017	BR 42 840 PS09 WU NI N100	42 W	900 mm	4000 K	>80	4530 lm	108 lm/W	Prismatic	ND	50:50
69000018	BR 42 840 SS12 WU NN N100	42 W	1200 mm	4000 K	>80	4140 lm	99 lm/W	Prismatic	ND	-
69000019	BR 42 840 PS12 WU NN N100	42 W	1200 mm	4000 K	>80	4140 lm	99 lm/W	Prismatic	ND	-
69000020	BR 60 840 PS12 WU NI N100	60 W	1200 mm	4000 K	>80	6380 lm	106 lm/W	Prismatic	ND	50:50
69000021	BR 50 840 SS15 WU NN N100	50 W	1500 mm	4000 K	>80	5100 lm	102 lm/W	Prismatic	ND	-
69000022	BR 50 840 PS15 WU NN N100	50 W	1500 mm	4000 K	>80	5100 lm	102 lm/W	Prismatic	ND	-
69000023	BR 70 840 PS15 WU NI N100	70 W	1500 mm	4000 K	>80	7750 lm	110 lm/W	Prismatic	ND	50:50
69000024	BR 60 840 SS18 WU NN N100	60 W	1800 mm	4000 K	>80	6000 lm	100 lm/W	Prismatic	ND	-
69000025	BR 60 840 PS18 WU NN N100	60 W	1800 mm	4000 K	>80	6000 lm	100 lm/W	Prismatic	ND	-
69000026	BR 82 840 PS18 WU NI N100	82 W	1800 mm	4000 K	>80	8660 lm	106 lm/W	Prismatic	ND	50:50

Birch DALI

Article	Model Number	Rated input power	Size	CCT	CRI	Luminous flux, lm	Luminous efficacy, lm/W	Cover	Dimming	Uplight
69000027	BR 20 840 SS06 WU NN D100	20 W	600 mm	4000 K	>80	1940 lm	1940 lm	Prismatic	DALI	-
69000028	BR 20 840 PS06 WU NN D100	20 W	600 mm	4000 K	>80	1940 lm	1940 lm	Prismatic	DALI	-
69000029	BR 30 840 PS06 WU NI D100	30 W	600 mm	4000 K	>80	3110 lm	3110 lm	Prismatic	DALI	50:50
69000030	BR 30 840 SS09 WU NN D100	30 W	900 mm	4000 K	>80	3000 lm	3000 lm	Prismatic	DALI	-
69000031	BR 30 840 PS09 WU NN D100	30 W	900 mm	4000 K	>80	3000 lm	3000 lm	Prismatic	DALI	-
69000032	BR 42 840 PS09 WU NI D100	42 W	900 mm	4000 K	>80	4500 lm	4500 lm	Prismatic	DALI	50:50
69000033	BR 42 840 SS12 WU NN D100	42 W	1200 mm	4000 K	>80	4230 lm	4230 lm	Prismatic	DALI	-
69000034	BR 42 840 PS12 WU NN D100	42 W	1200 mm	4000 K	>80	4230 lm	4230 lm	Prismatic	DALI	-
69000035	BR 60 840 PS12 WU NI D100	60 W	1200 mm	4000 K	>80	6380 lm	6380 lm	Prismatic	DALI	50:50
69000036	BR 50 840 SS15 WU NN D100	50 W	1500 mm	4000 K	>80	5030 lm	5030 lm	Prismatic	DALI	-
69000037	BR 50 840 PS15 WU NN D100	50 W	1500 mm	4000 K	>80	5030 lm	5030 lm	Prismatic	DALI	-
69000038	BR 70 840 PS15 WU NI D100	70 W	1500 mm	4000 K	>80	7750 lm	7750 lm	Prismatic	DALI	50:50
69000039	BR 60 840 SS18 WU NN D100	60 W	1800 mm	4000 K	>80	6080 lm	6080 lm	Prismatic	DALI	-
69000040	BR 60 840 PS18 WU NN D100	60 W	1800 mm	4000 K	>80	6080 lm	6080 lm	Prismatic	DALI	-
69000041	BR 82 840 PS18 WU NI D100	82 W	1800 mm	4000 K	>80	8850 lm	8850 lm	Prismatic	DALI	50:50

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