

vizulo



DOVE

CE RoHS

V 220 - 240
Hz 50 - 60
W 8 - 21
lm 615 - 2105
lm/W 88 - 105
K 3000 / 4000
°C +10 to +45
CRI >80

Chromaticity tolerance (initial MacAdam): 3
DALI / Non dimmable
Sensor: MW / RF / PIR
Mounting: Surface
Body material: Aluminium
Body color: Silver RAL 9006 / White RAL 9016
Cover type: Opal
50 000 h (L90B50) at Ta = 25 °C
100 000 h (L80B50) at Ta = 25 °C
Warranty 3 or 5 years*



RoHS

IP40

IP44

* Depending on modification

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

Last modified | **2019, 1 October**
Data subject to change



| Exploring Dove

Silicone gasketing to ensure IP44



Easy surface mounting



| Exploring Dove

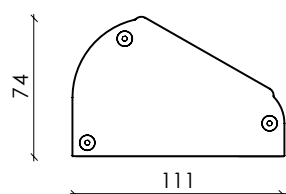
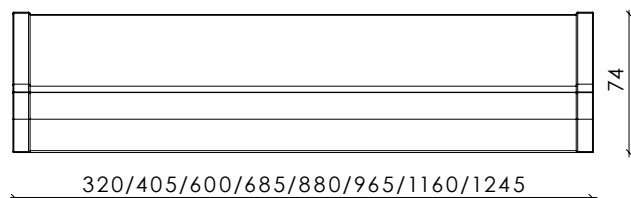
Dove with microwave motion sensor



Dove with PIR motion sensor



Dimensions



Length table

Non dimmable

Length, mm	320	405	600	685	880	965	1160	1245
Power, W	13	14	10; 20	11; 21	14; 20	15; 21	18	19
Sensor	-	Yes	-	Yes	-	Yes	-	Yes
EM, hour	-	-	1	-	1; 3	-	1; 3	-

DALI

Length, mm	600	685	880	965	1160	1245
Power, W	10 - 20	10 - 20	14 - 20	15 - 21	15 - 25	16 - 25
Sensor	-	Yes	-	Yes	-	Yes
EM, hour	-	-	1; 3	-	1; 3	-

| Accessories



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



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



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



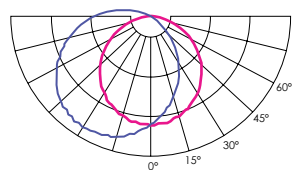
70042009 Connection cable 5x1.5mm² (x2.5m)
with Ensto(NAC51S.W) 5-way plug



70042007 Connection cable 5x1.5mm² (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



Opal

| Model name principles

	DO					
Power [W]	6 ... 21					
Color rendering index	≥80 - 8 ≥90 - 9					
Color temperature [K] Standard values:	2700 ... 6500 3000 K - 30 4000 K - 40					
Lenght	0150 ... 1230					
Color	silver - S white - W					
End cap	without (IP40) - P with (IP44) - I					
Through wiring	no - N yes - Y					
Dimming	non dimmable - N DALI - D					
Insulation	class I - 1 class II - 2					
Insulation	no sensor - NS microwave (mw) - MW mw, master - MM mw, corridor function - MC mw, corridor function, master - MK PIR sensor - PI					
Emergency	no emergency - 0 1 hour - 1 3 hours - 3					

EXAMPLE DO 06 830 0150 APN N1NS0

| High quality components

LEDs used



Osram Midpower

Drivers used

First Priority Non dimmable

HELVAR



Second Priority Non dimmable

TRIDONIC



OSRAM



First Priority Dali

TRIDONIC



Second Priority Dali

OSRAM



HELVAR



Articles

Non dimmable

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000254	DO 15 830 0600 WIN N1NS0	15 W	600 mm	>80	3000 K	1410 lm	94 lm/W	White	Opal	-	ND
45000273	DO 10 830 0600 WPN N1NS0	10 W	600 mm	>80	3000 K	944 lm	94 lm/W	White	Opal	-	ND
45000281	DO 10 840 0600 WPN N1NS0	10 W	600 mm	>80	4000 K	987 lm	99 lm/W	White	Opal	-	ND
45000282	DO 19 830 0600 WPN N1NS0	19 W	600 mm	>80	3000 K	1771 lm	93 lm/W	White	Opal	-	ND
45000283	DO 19 840 0600 WPN N1NS0	19 W	600 mm	>80	4000 K	1852 lm	97 lm/W	White	Opal	-	ND
45000284	DO 10 830 0600 SPN N1NS0	10 W	600 mm	>80	3000 K	944 lm	94 lm/W	Silver	Opal	-	ND
45000285	DO 10 840 0600 SPN N1NS0	10 W	600 mm	>80	4000 K	987 lm	99 lm/W	Silver	Opal	-	ND
45000286	DO 19 830 0600 SPN N1NS0	19 W	600 mm	>80	3000 K	1771 lm	93 lm/W	Silver	Opal	-	ND
45000287	DO 19 840 0600 SPN N1NS0	19 W	600 mm	>80	4000 K	1852 lm	97 lm/W	Silver	Opal	-	ND
45000288	DO 20 830 1160 WPN N1NS0	20 W	1160 mm	>80	3000 K	2013 lm	101 lm/W	White	Opal	-	ND
45000289	DO 20 840 1160 WPN N1NS0	20 W	1160 mm	>80	4000 K	2105 lm	105 lm/W	White	Opal	-	ND
45000290	DO 20 830 1160 SPN N1NS0	20 W	1160 mm	>80	3000 K	2013 lm	101 lm/W	Silver	Opal	-	ND
45000291	DO 20 840 1160 SPN N1NS0	20 W	1160 mm	>80	4000 K	2105 lm	105 lm/W	Silver	Opal	-	ND

Non dimmable PIR sensor

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000292	DO 11 830 0685 WPN N1PI0	11 W	685 mm	>80	3000 K	944 lm	86 lm/W	White	Opal	PIR	ND
45000293	DO 11 840 0685 WPN N1PI0	11 W	685 mm	>80	4000 K	987 lm	90 lm/W	White	Opal	PIR	ND
45000294	DO 20 830 0685 WPN N1PI0	20 W	685 mm	>80	3000 K	1771 lm	88 lm/W	White	Opal	PIR	ND
45000295	DO 20 840 0685 WPN N1PI0	20 W	685 mm	>80	4000 K	1852 lm	92 lm/W	White	Opal	PIR	ND
45000296	DO 11 830 0685 SPN N1PI0	11 W	685 mm	>80	3000 K	944 lm	86 lm/W	Silver	Opal	PIR	ND
45000297	DO 11 840 0685 SPN N1PI0	11 W	685 mm	>80	4000 K	987 lm	90 lm/W	Silver	Opal	PIR	ND
45000298	DO 20 830 0685 SPN N1PI0	20 W	685 mm	>80	3000 K	1771 lm	88 lm/W	Silver	Opal	PIR	ND
45000299	DO 20 840 0685 SPN N1PI0	20 W	685 mm	>80	4000 K	1852 lm	92 lm/W	Silver	Opal	PIR	ND
45000300	DO 21 830 1245 WPN N1PI0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	White	Opal	PIR	ND
45000301	DO 21 840 1245 WPN N1PI0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	White	Opal	PIR	ND
45000302	DO 21 830 1245 SPN N1PI0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	Silver	Opal	PIR	ND
45000303	DO 21 840 1245 SPN N1PI0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	Silver	Opal	PIR	ND

Non dimmable Microwave sensor

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000304	DO 11 830 0685 WPN N1MW0	11 W	685 mm	>80	3000 K	944 lm	86 lm/W	White	Opal	Microwave	ND
45000305	DO 11 840 0685 WPN N1MW0	11 W	685 mm	>80	4000 K	987 lm	90 lm/W	White	Opal	Microwave	ND
45000306	DO 20 830 0685 WPN N1MW0	20 W	685 mm	>80	3000 K	1771 lm	88 lm/W	White	Opal	Microwave	ND
45000307	DO 20 840 0685 WPN N1MW0	20 W	685 mm	>80	4000 K	1852 lm	92 lm/W	White	Opal	Microwave	ND
45000308	DO 11 830 0685 SPN N1MW0	11 W	685 mm	>80	3000 K	944 lm	86 lm/W	Silver	Opal	Microwave	ND
45000309	DO 11 840 0685 SPN N1MW0	11 W	685 mm	>80	4000 K	987 lm	90 lm/W	Silver	Opal	Microwave	ND
45000310	DO 20 830 0685 SPN N1MW0	20 W	685 mm	>80	3000 K	1771 lm	88 lm/W	Silver	Opal	Microwave	ND
45000311	DO 20 840 0685 SPN N1MW0	20 W	685 mm	>80	4000 K	1852 lm	92 lm/W	Silver	Opal	Microwave	ND
45000312	DO 21 830 1245 WPN N1MW0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	White	Opal	Microwave	ND
45000313	DO 21 840 1245 WPN N1MW0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	White	Opal	Microwave	ND
45000314	DO 21 830 1245 SPN N1MW0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	Silver	Opal	Microwave	ND
45000315	DO 21 840 1245 SPN N1MW0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	Silver	Opal	Microwave	ND

Articles

DALI without sensor

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000316	DO 19 830 0600 WPN D1NS0	19 W	600 mm	>80	3000 K	1771 lm	93 lm/W	White	Opal	-	DALI
45000317	DO 19 840 0600 WPN D1NS0	19 W	600 mm	>80	4000 K	1852 lm	97 lm/W	White	Opal	-	DALI
45000318	DO 19 830 0600 SPN D1NS0	19 W	600 mm	>80	3000 K	1771 lm	93 lm/W	Silver	Opal	-	DALI
45000319	DO 19 840 0600 SPN D1NS0	19 W	600 mm	>80	4000 K	1852 lm	97 lm/W	Silver	Opal	-	DALI
45000320	DO 20 830 1160 WPN D1NS0	20 W	1160 mm	>80	3000 K	2013 lm	101 lm/W	White	Opal	-	DALI
45000321	DO 20 840 1160 WPN D1NS0	20 W	1160 mm	>80	4000 K	2105 lm	105 lm/W	White	Opal	-	DALI
45000322	DO 20 830 1160 SPN D1NS0	20 W	1160 mm	>80	3000 K	2013 lm	101 lm/W	Silver	Opal	-	DALI
45000323	DO 20 840 1160 SPN D1NS0	20 W	1160 mm	>80	4000 K	2105 lm	105 lm/W	Silver	Opal	-	DALI

DALI with PIR sensor

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000324	DO 20 830 0685 WPN D1PI0	20 W	685 mm	>80	3000 K	1771 lm	89 lm/W	White	Opal	PIR	DALI
45000325	DO 20 840 0685 WPN D1PI0	20 W	685 mm	>80	4000 K	1852 lm	93 lm/W	White	Opal	PIR	DALI
45000326	DO 20 830 0685 SPN D1PI0	20 W	685 mm	>80	3000 K	1771 lm	89 lm/W	Silver	Opal	PIR	DALI
45000327	DO 20 840 0685 SPN D1PI0	20 W	685 mm	>80	4000 K	1852 lm	93 lm/W	Silver	Opal	PIR	DALI
45000328	DO 21 830 1245 WPN D1PI0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	White	Opal	PIR	DALI
45000329	DO 21 840 1245 WPN D1PI0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	White	Opal	PIR	DALI
45000330	DO 21 830 1245 SPN D1PI0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	Silver	Opal	PIR	DALI
45000331	DO 21 840 1245 SPN D1PI0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	Silver	Opal	PIR	DALI

DALI with Microwave sensor

Article	Model Number	Rated input power	Size	CRI	CCT	Luminous flux, lm	Luminous efficacy, lm/W	Color	Cover	Sensor	Dimming
45000332	DO 20 830 0685 WPN D1MW0	20 W	685 mm	>80	3000 K	1771 lm	89 lm/W	White	Opal	Microwave	DALI
45000333	DO 20 840 0685 WPN D1MW0	20 W	685 mm	>80	4000 K	1852 lm	93 lm/W	White	Opal	Microwave	DALI
45000334	DO 20 830 0685 SPN D1MW0	20 W	685 mm	>80	3000 K	1771 lm	89 lm/W	Silver	Opal	Microwave	DALI
45000335	DO 20 840 0685 SPN D1MW0	20 W	685 mm	>80	4000 K	1852 lm	93 lm/W	Silver	Opal	Microwave	DALI
45000336	DO 21 830 1245 WPN D1MW0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	White	Opal	Microwave	DALI
45000337	DO 21 840 1245 WPN D1MW0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	White	Opal	Microwave	DALI
45000338	DO 21 830 1245 SPN D1MW0	21 W	1245 mm	>80	3000 K	2013 lm	96 lm/W	Silver	Opal	Microwave	DALI
45000339	DO 21 840 1245 SPN D1MW0	21 W	1245 mm	>80	4000 K	2105 lm	100 lm/W	Silver	Opal	Microwave	DALI

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