



Dion UD

SURFACE MOUNTED | NON-DALI SERIES

This round shaped wall light provides beautiful accent lighting with direct/indirect distribution of the luminous flux.

It can offer 2 different color temperatures and the high quality build ensures optimal protection from dust and water while still delivering high efficiency.

Available in two series, with different add-ons and controls:

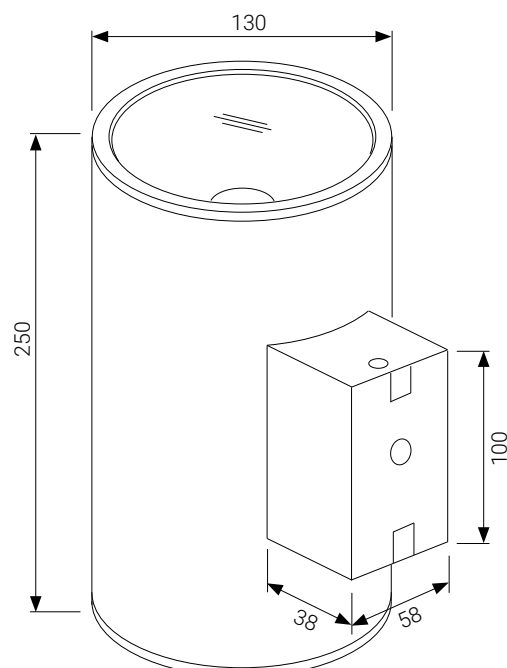
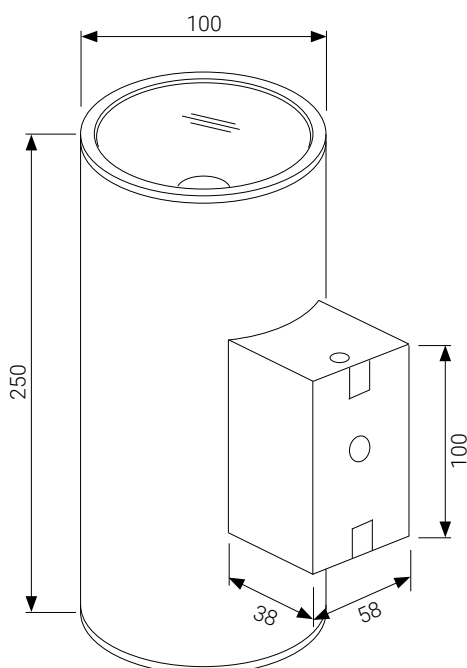
- Dion UD Non-DALI – the standard for any project
- Dion UD DALI – with DALI controls for illumination adjustment

FEATURES & BENEFITS

- CRI ≥ 80 as standard
- 2 color temperatures: 3000K, 4000K
- Long rated life: L90/B10 @50.000h
- High ingress protection: IP65

APPLICATION

Grocery & Supermarket | Office | Healthcare | Hospitality | DIY



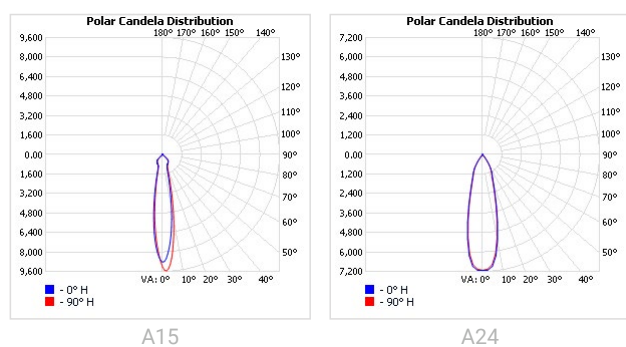
SPECIFICATIONS

Power consumption	12W	24W
Dimensions	Ø100x250mm±1mm	Ø130x250mm±1mm
Weight	1.022 Kg	1.937 Kg
Housing materials	Aluminium, Glass	
IK code	IK06	
THD (at 230V, 50Hz, Full load)	10%	
Protection class	Safety class 1	
Operating temperature [°C]	-40°C ... +55°C / -40F...+131F	
Operating humidity [%]	10 ÷ 85	
Power factor	0.95	
AC Input [Vac]	220 - 240 VAC	
Lens angle [°]	15°, 24°	
Lifespan [h]	50.000	
Housing color	○ RAL 9001 - White Finishing, ● RAL 9011 - Black, ● RAL 9006 - Matt Grey	
Lumen maintenance	L90/B10@50.000h at 25°C	
IP factor	IP65	
Control optional	DALI	
Warranty [years]	3	
Storage temperature range [°C]	-20°C ... +45°C / -4F ... +113F	
Emergency option	-	

Aplicații	Standard
CRI	CRI 80
CCT [K]	3000K/4000K
MacAdam	3

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM

BATTERY WARRANTY

Non-DALI EM & DALI EM: 12 months warranty

Non-DALI & DALI: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
12W	Non-DALI	-	-	-	-	-	-
24W	Non-DALI	-	-	-	-	-	-
12W	DALI	133	106	66	133	106	66
24W	DALI	80	64	40	80	64	40

RISK GROUP

Standard (CRI80)	RG1	RG1 The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.
FOOD (BVF, FBS, FSM)	RG1	
FOOD <20W (FZM, FSH)	RG2 (dthr=1.8m)	
FOOD >20W (FZM, FSH)	RG2 (dthr=2.2m)	
FAS	RG1	
AMB2200	RG1	RG2 The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.
ART	RG1	
AGI	RG1	
CRI90	RG1	
CRI95	RG1	
ENT	RG1	

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
196104 DionUD S1001-2/3000/12W/80/A15	Ø100x250mm±1mm	3000	2370	12W	198	15°
196105 DionUD S1001-2/4000/12W/80/A15	Ø100x250mm±1mm	4000	2370	12W	198	15°
196106 DionUD S1001-2/3000/12W/80/A24	Ø100x250mm±1mm	3000	2370	12W	198	24°
196107 DionUD S1001-2/4000/12W/80/A24	Ø100x250mm±1mm	4000	2370	12W	198	24°
196112 DionUD S1001-2/3000/24W/80/A15	Ø130x250mm±1mm	3000	2470	24W	103	15°
196113 DionUD S1001-2/4000/24W/80/A15	Ø130x250mm±1mm	4000	2470	24W	103	15°
196114 DionUD S1001-2/3000/24W/80/A24	Ø130x250mm±1mm	3000	2470	24W	103	24°
196115 DionUD S1001-2/4000/24W/80/A24	Ø130x250mm±1mm	4000	2470	24W	103	24°

* Preliminary data sheet
Technical specifications can be modified without prior notice. All information is property of Greentek Lighting.
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