

MALMO 4 (MAL-90102)



Product description

Down (Optic) & Up (Optic 2nd) - 300 mm



Luminaire Structure

- Extruded aluminium bended profile with powder coating
- Stainless steel fasteners in grade 316
- Stainless steel, adjustable, suspension (1.5 m) complete with electrical wires in white for mounting
- PMMA diffuser with Opal (UGR <19) and micro prismatic (UGR <13) options for better glare control

- Up and down light distribution options
- Passive thermal management
- Integral control gear
- Wireless control available through Bluetooth connection

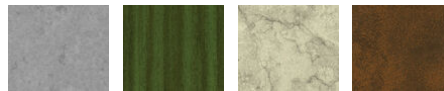
- Daylight and occupancy sensor options
- Emergency module (1 or 3 hours) is available upon request with 3 options (BASIC, SELF-TEST, PRO-DALI)

Product colour



01 - Black (RAL 9011) 03 - White (RAL 9003) 05 - Matt Silver (RAL 9006)

Special finishes upon request



SU01 - Concrete - Urban SU02 - Softscape - Urban SU03 - Stone - Urban SU04 - Corten - Urban



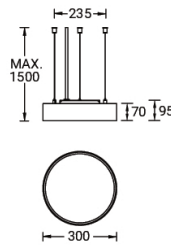
SW01 - Oak - Woodland SW02 - Walnut - Woodland SW03 - Pine - Woodland

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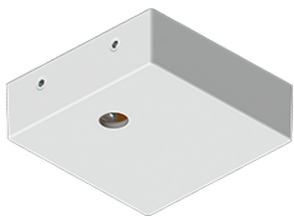
Technical information

Material	Aluminium	Optic (2nd)	0	Weight	1.9 kg
Light source	168 & 72 LED	Optic (2nd) value	110°	Operating temperature	-20 °C to 40 °C
Power	32 W	CCT / CRI	3000K CRI80, 4000K CRI80	MacAdam Ellipse	3 SDCM
Lumen	3122 - 3578 lm	Bug	B1-U5-G1	Lifetime L90B10 (hours)	> 25,000
Driver option	Integral control gear	ULR	0%	Lifetime L80B10 (hours)	> 45,000
Driver	Constant current (CC)	ULOR	0%	Lifetime L80B50 (hours)	> 50,000
Input voltage	220-240 V 50/60 Hz	CIE flux code n°3	97, 98	Variants (On/Off, 1-10V, DALI)	Compatible with EN/ IEC 60598-2-22: Suitable for emergency installations as central supply, non-maintained (ZO)
Optic	O, P	Dimming type	On/Off, 1-10V, DALI		
Optic value	107°, 94°	Product colours	Black, White, Matt Silver, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland		

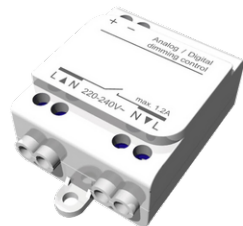
MAL-90102



Accessories



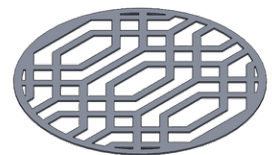
Supply cable surface mounting box
A80981



Wireless bluetooth converter
A90291

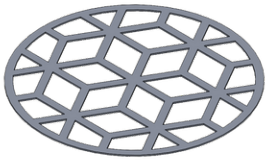


Xpress wireless switch
A90591

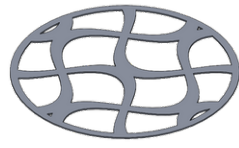


Decorative pattern - Type A for MALMO 300 mm
A90821

MALMO 4 (MAL-90102)



Decorative pattern - Type B for
MALMO 300 mm
A92221



Decorative pattern - Type C for
MALMO 300 mm
A93621



DALI Control System
Control-DALI
