LIGMAN

MALTA

CE | IP65 | IP20

Sleek exterior stainless steel or aluminium illuminated handrail system with concealed continuous downward light distribution.
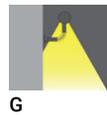
micro Prim™

Luminaire Structure

- Aluminium or stainless steel body
- Single cable entry
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket

- High-efficiency PMMA lens
- Remote driver is not included
- Standard unit length is 1 m, different lengths are available upon request

- All handrails and components are delivered completely pre-assembled for on-site installation
- LIGMAN prepares project handrail solutions according to layout drawings, elevations and project's brief; offering an end-to-end solution from concept through to implementation

Feature

LED		RGBW	Tunable
DALI DIMMING	DMX	DMX RDM	NON DIMMABLE

Optic

G

Product colour

00 - Stainless Steel	01 - Black (RAL 9011)	02 - Dark Grey (RAL 7043)	03 - White (RAL 9003)
05 - Matt Silver (RAL 9006)	06 - Bronze (RAL 6014)		

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

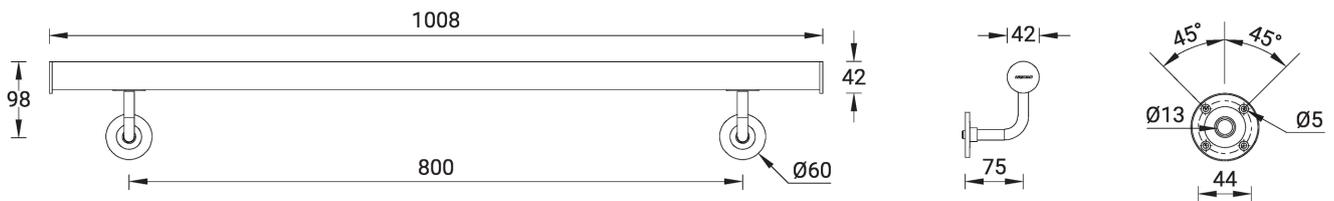|	Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight
Without remote driver - Constant voltage (CV) 24 V - Aluminium - IP20								
MALTA 4	**MAT-30031**	120 LED/m	9 W	337 - 362 lm	G [60°x111°]	3000K CRI80, 4000K CRI80, 5700K CRI80	On/Off	2.1 kg/m
Without remote driver - Constant voltage (CV) 24 V - Aluminium - IP65								
MALTA 3	**MAT-30021**	120 LED/m	9 W	303 - 325 lm	G [60°x111°]	3000K CRI80, 4000K CRI80, 5700K CRI80	On/Off	2.1 kg/m
Without remote driver - Constant voltage (CV) 24 V - Aluminium - IP65 - RGBW								
MALTA 3	**MAT-30023**	84 LED/m	15 W	365 - 373 lm	G [60°x111°]	RGBW30, RGBW40	DMX, DMX/RDM	2.1 kg/m
Without remote driver - Constant voltage (CV) 24 V - Aluminium - IP65 - Tunable White								
MALTA 3	**MAT-30022**	84 LED/m	12 W	376 lm	G [60°x111°]	TW (2700K - 6500K)	DALI	2.1 kg/m
Without remote driver - Constant voltage (CV) 24 V - Stainless steel - IP20								
MALTA 2	**MAT-30011**	120 LED/m	9 W	337 - 362 lm	G [60°x111°]	3000K CRI80, 4000K CRI80, 5700K CRI80	On/Off	3.5 kg/m
Without remote driver - Constant voltage (CV) 24 V - Stainless steel - IP65								
MALTA 1	**MAT-30001**	120 LED/m	9 W	303 - 325 lm	G [60°x111°]	3000K CRI80, 4000K CRI80, 5700K CRI80	On/Off	3.5 kg/m
Without remote driver - Constant voltage (CV) 24 V - Stainless steel - IP65 - RGBW								
MALTA 1	**MAT-30003**	84 LED/m	15 W	365 - 373 lm	G [60°x111°]	RGBW30, RGBW40	DMX, DMX/RDM	3.5 kg/m
Without remote driver - Constant voltage (CV) 24 V - Stainless steel - IP65 - Tunable White								
MALTA 1	**MAT-30002**	84 LED/m	12 W	376 lm	G [60°x111°]	TW (2700K - 6500K)	DALI	3.5 kg/m

Accessory

	Connector for cap rail - Straight **A30181**	Connector for cap rail - Flush elbow 90° **A30281**	Connector for cap rail - Adjustable flush angle, 135° upwards **A30381**	Connector for cap rail - Adjustable flush angle, 135° downwards **A30481**	End cap for cap rail **A30581**	Wall bracket **A30681**	Driver (CV) - PWM - 100 W - IP65 - 24 V **A33191-PW**
MAT-30001	·	·	·	·	·	·	
MAT-30002	·	·	·	·	·	·	·
MAT-30003	·	·	·	·	·	·	·
MAT-30011	·	·	·	·	·	·	
MAT-30021	·	·	·	·	·	·	
MAT-30022	·	·	·	·	·	·	·
MAT-30023	·	·	·	·	·	·	
MAT-30031	·	·	·	·	·	·	

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	Driver (CV) - PWM - 150 W - IP65 - 24 V **A33291-PW**	Driver (CV) - PWM - 250 W - IP65 - 24 V **A33391-PW**	Driver (CV) - PWM - 320 W - IP65 - 24 V **A33491-PW**	Driver (CV) - On/Off - 36 W - IP67 - 24 V **A34491-ND**	Driver (CV) - On/Off - 60 W - IP67 - 24 V **A34591-ND**	Driver (CV) - On/Off - 100 W - IP67 - 24 V **A34791-ND**	Driver (CV) - On/Off - 150 W - IP67 - 24 V **A34891-ND**
MAT-30001				•	•	•	•
MAT-30002	•	•	•				
MAT-30003	•	•	•				
MAT-30011				•	•	•	•
MAT-30021				•	•	•	•
MAT-30022	•	•	•				
MAT-30023	•	•	•				
MAT-30031				•	•	•	•

	Driver (CV) - On/Off - 200 W - IP67 - 24 V **A34991-ND**	Driver (CV) - On/Off - 350 W - IP67 - 24 V **A35091-ND**	Constant voltage dimmer - 4 Channel **A610291**	DALI Control System **Control-DALI**	DMX Control System **Control-DMX**	DMX/RDM Control System **Control-DMX-RDM**
MAT-30001	•	•				
MAT-30002			•	•		
MAT-30003			•		•	•
MAT-30011	•	•				
MAT-30021	•	•				
MAT-30022			•	•		
MAT-30023			•		•	•
MAT-30031	•	•		•		

MAT-30001, MAT-30021
MAT-30011, MAT-30031

1008
98
42
800
Ø60
42
75
45° 45°
Ø13 Ø5
44

MAT-30002, MAT-30003
MAT-30022, MAT-30023

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