

T008MZ940ELDB | LOGICO EASY System 57 - OPAL / UGR19

LED luminaire for ceiling or suspended system installation. Linear module



The fixture's photometric values
can be found on the following pages



The figures on the drawing are expressed in mm.

SOURCE

LED Engine made of linear LED boards Ra90.

Energy efficiency class: E

Nominal power: 15W

Nominal flux: See photometries

Colour rendering index: 90

Rf: 92

Rg: 101

CCT nominal: 4000K

Lifetime (L80/B10): 100000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

Direct emission in two effect variants: diffused light - OPAL optics - and controlled light - UGR19 optics. Diffused light - OPAL optic: optical system made of a steel reflector with white polymer coating and a closing diffuser screen in opal anti-glare polycarbonate supplied in unrollable reels and available as a related code. Controlled light - UGR19 optic: optical system made of a steel reflector with white polymer coating and UGR closing diffuser screen supplied in unrollable reels and available as a related code (UGR<19 and L65<3000 cd/m² EN-12464-1).

Emission: DIRECT

Optic: REFLECTOR

Optical efficiency: 100%

Fixture flux: See photometries

Luminous efficacy: See photometries

Photobiological safety: Compliant with RG0 exempt risk group

MECHANICAL CHARACTERISTICS

Painted extruded aluminium body with 57mm section. Upper closing screen in black PVC.

Colour and finish: Black

Dimensions: L=1168mm

Weight: 2.9Kg

Version: LINEAR

Degree of protection: IP40

Mechanical Resistance: IK02

ELECTRICAL CHARACTERISTICS

Integrated electronic ON-OFF driver. "Easy Connection" system for a quick connection between the modules of the system thanks to the pre-assembled plug/socket connection elements. Preset for through wiring allowing to reach a maximum length of 18 meters. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC.

Fixture Power: 18W

Power supply: 220-240Vac 50/60Hz

Insulation Class: CLASS 1

Type of driver / Control: ON-OFF

Driver included: YES

Class F: YES

SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light

Ambient temperature: 0°C / +25°C

Relative humidity UR: <85%

INSTALLATION

To be completed with polycarbonate end caps, mounting systems for surface or suspended application and terminal block for connection to the power line.

NOTES

For angular configurations L light modules and the L blind joint accessory are available. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

REGULATIONS AND CERTIFICATIONS

CE.

WARRANTY

5 years.

WARNING

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.

Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

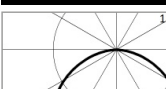
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Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

CCIAA Firenze
Share Capital:
€ 500.000,00
VAT N. (IT):
01537660480
R.E.A: FI-275656

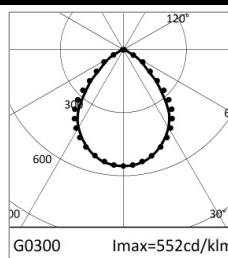
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The diagram illustrates the light distribution of the luminaire. It features a circular beam with a 120° angle and a 160° diameter at 1m distance. The beam is centered on a vertical axis, and the light distribution is symmetrical. The diagram also shows the beam's diameter at 2m (160°) and 3m (120°) distances.

	4000K	H(m)	D(m)	E _{max} (lx)	
	Ra90		111°		
Fixture Power	18W	1	2.90	440	
Source Flux	1246lm	2	5.80	110	
Fixture Flux	1246lm	3	8.70	49	
Efficacy	71lm/W	4	11.60	28	
G0300A I _{max} =353cd/klm	I _{max}	440cd	5	14.49	18



	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		83°	89°			
Fixture Power	18W	1	1.78	1.97	679		
Source Flux	1229lm	2	3.56	3.94	170		
Fixture Flux	1229lm	3	5.33	5.91	75		
Efficacy	70lm/W	4	7.11	7.88	42		
G0300	I _{max} =552cd/klm	I _{max}	679cd	5	8.89	9.85	27

OP

Nominal flux	1246lm
Fixture flux	1246lm
Luminous efficacy	71lm/W

UGR

Nominal flux	1229lm
Fixture flux	1229lm
Luminous efficacy	70lm/W

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 Via Pratese, 164
 50145 Firenze - Italy
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 targetti.com
 targetti@targetti.com

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Related codes

Screen



Dimensions Code

L=6m **A001ML1**

L=9m **A001ML2**

L=15m **A001ML3**

UGR19 screen (Direct Emission).
For LOGICO EASY System 57 - UGR19.



Dimensions Code

L=6m **A002ML1**

L=9m **A002ML2**

L=15m **A002ML3**

OPAL screen (Direct Emission).
For LOGICO EASY System 57 - OPAL.

Accessories

Electrical Connector



Driver Colour Code

ON-OFF  **A014MELB**

L-shaped blind joint.
Sizes 818x818x80mm.
For LOGICO EASY System 57.

End Caps



Colour Code

 **A003MB**

End caps (2 pieces).
For LOGICO EASY System 57 - OPAL / UGR19.

Canopy

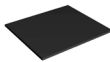


Colour Code

 **A004B**

Canopy with 5 poles terminal block.
Feeding cable not included.

Cover Panel



Colour Code

 **A005MB**

Joint for screens.
To be used for configurations longer than 15 meters.
For LOGICO EASY System 57.

Bracket



Code

A006M

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.



Code

A007M

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

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Suspension



	Version	Code
	L=6m	A008T
	L=5m	A008U
	L=4m	A008V
	L=3m	A008W
	L=2m	A008X
	L=1m	A008Y
	L=0,5m	A008Z

Suspension cable (2 pieces).

Terminal Box



	Version	Code
	3 Poli ON-OFF	A009Z

Terminal block (plug/socket).

One for each power supply.

A009Z - For LOGICO EASY 37 | 57 | 100.

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