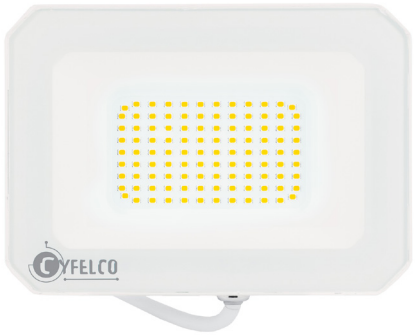


ECO PREMIUM RANGE
50W LED FLOODLIGHT

961-043 CYFELCO 2 FLL 50W WHITE 827

PRODUCT DATASHEET

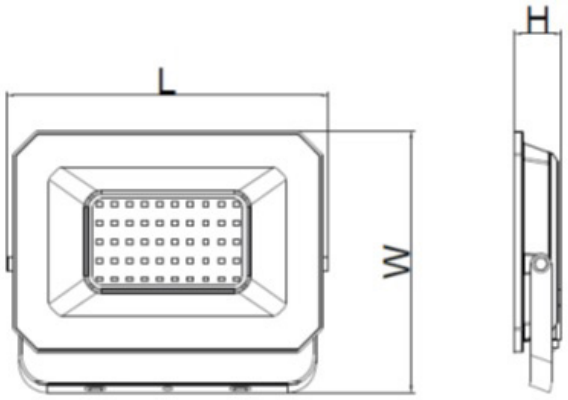
LED FLOODLIGHT SUITABLE FOR OUTDOOR INSTALLATION

Areas of application

- Direct replacement for conventional floodlights with halogen lamps
- Public areas, Building Facades, Construction areas
- Gardens, balconies and other outdoor areas
- Parking area lighting

Product Features

- Premium performance with CRI (Ra)>80 and 120 lm/W
- Energy Class D
- Flicker-free design
- Aluminium Housing and Clear Glass Diffuser
- Lifetime (L70/B50): up to 25,000 h (at 25 ˚C)
- 3 Years Warranty



Agios Adrianos, 21100 Nafplio Greece / Europe
Tel. +302752 091136 | elmasco@elmasco.eu | www.elmasco.eu

TECHNICAL DATA

Operating and Electrical	
Input Voltage	220-240V AC
Line Frequency	50/60 Hz
Nominal Power Consumption	50W
Power Factor	>0.9
Total Harmonic Distortion	<20%
Protection Class	Class I
Driver	DOB
Photobiological safety group	RG 1

Photometric Data	
Luminous Flux	6000 lm
Luminous Efficacy	120 lm/W
Color Temperature	2700 K (Warm White)
Color Rendering Index Ra	>80
SDCM	<5
Beam Angle	110°
Flickering metric (Pst LM)	<1
Stroboscopic Effect (SVM)	<4

Application	
Ambient Temperature Range	-20 to +40 °C
Ingress Protection Code	IP65
Mech. Impact Protection	IK06
Mounting Type	Mounting Bracket
Dimmable	No

Mechanical and Housing	
Housing Material	Aluminium
Diffuser	Clear Glass
Housing Color	White
Overtime Performance	
Lifespan L70/B50 at 25 ˚C	> 25,000 hrs

Logistics (Packaging)	
Product Dimensions (H x L x W)	26.7x177.7x125.3mm
Packaging Size	186x31x143 mm
Packing	1 pcs per carton box
Gross Weight	0.412 kg
Net Weight	0.385 kg
Volume	0.0008 m^3

Logistics (Master Box)	
Master Box Size	340x210x310 mm
Packing	20pcs per Master Box
Master Box Gross Weight	8.7 kg
Master Box Net Weight	7.7 kg
Volume	0.0221m^3

Directives	
2014/30/EU	Electromagnetic Compatibility Directive
2014/35/EU	Low Voltage Directive
2011/65/EU	Restriction of Hazardous Substances Directive (RoHS)
2009/125/EU	Ecodesign Requirements for energy-related products

Standards	
EN 60598-1:2015	Luminaires part 1: General Requirements
EN 60598-2-1:1989	Luminaires Part 2: Particular requirements-Section 1 Fixed general purpose luminaires
EN IEC 55015:2019+A11:2020	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements
EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013+A1:2019	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection

Agios Adrianos, 21100 Nafplio Greece / Europe
Tel. +302752 091136 | elmasco@elmasco.eu | www.elmasco.eu

LIGHT IT RIGHT