PREMIUM RANGE
WEATHERPROOF LUMINAIRE

951-074 - CYFELCO 3 WP50 150/W-S 840 EM DALI

PRODUCT DATASHEET

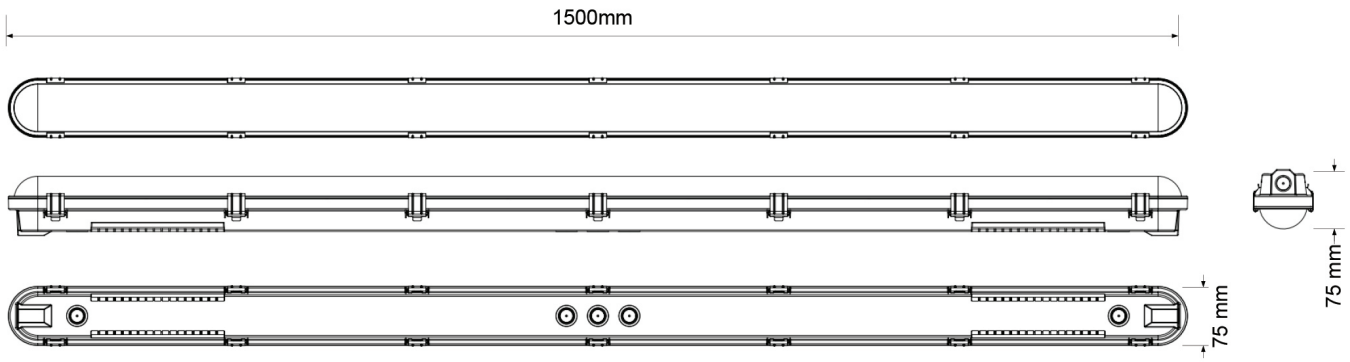
DALI/PUSH High performance Weatherproof LED Luminaires with Emergency Function (3hrs)

Areas of application

- Industrial and - storage facilities
- Car parks and underpasses
- Garages, Workshops, Assembly lines, Warehouses
- General Lighting

Product Features

- Long lifetime and high efficiency: 50,000 hours with efficiency up to 150lm/W
- Lumen/Watt adjustable via DALI/PUSH
- Evenly distributed light
- Easy installation
- Polycarbonate Housing and Diffuser, Metal Reflector
- Lifetime (L70/B50): up to 50,000 h
- 5 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	**50 W**
Power Factor	>0.90
Total Harmonic Distortion	<15%
Protection Class	Class I
Dimming	DALI/PUSH
Emergency Function	3 hours
Over Time Performance	
Lifespan L70/B50 at 25 °C	>50000 hrs

Photometric Data	
Luminous Flux	**7500 lm**
Luminous Efficacy	150 lm/W
Color Temperature	4000 K (Cool White)
Color Rendering Index Ra	>80
SDCM	<6
Flickering metric (Pst LM)	<1
Stroboscopic Effect (SVM)	<0.4
Photobiological safety group	RG 0
Beam Angle	100°
UGR	<32

Application	
Ambient Temperature Range	-25 to +40 °C
Ingress Protection Code	IP65
Mech. Impact Protection	IK08
Application Environment	Indoor/Outdoor
Mounting Type	Surface/Suspended
Dimmable	No (Adjustable)

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector	Metal
Diffuser	Polycarbonate
Housing Color	Grey

Logistics	
Dimensions (H x L x W)	75x1500x75 mm
Packaging Size	151x8.1x7.9 cm
Gross Weight	xx Kg
Net Weight	xx Kg

Packaging	9pcs per Carton
Carton Box Gross Weight	xx Kg
Carton Box Net Weight	xxKg
Accessories/Options	
Installation	Metal brackets
Dimming (On Request)	DALI/PUSH Driver

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/A1:2018	Luminaires part 1 General Requirements
EN 60598-2-1:1989	Part 2: Particular requirments-Section 1 Fixed general purpose luminaires
EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
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 connectioon

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

LIGHT IT RIGHT