

Technical Specification

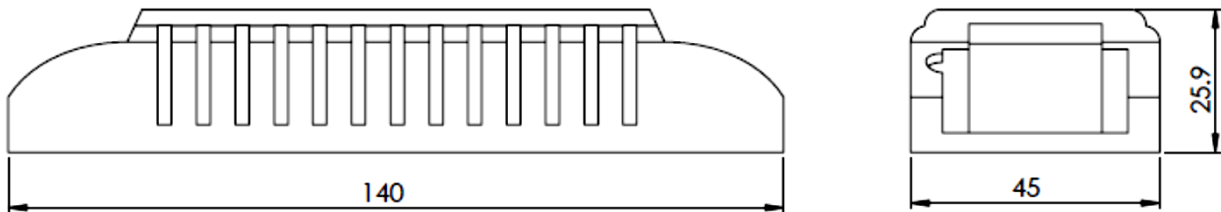
DPCDIM-300

Product Name:	DALI PC Dimmer 300W
Category:	Dimmers
Description:	DALI to Phase Angle



Features:	MAX Load Capacity: 300W of Dimmable LED luminaires	Applications:	Hotels
	Converts DALI input signal to Phase Angle Signal		Offices
	Multiple connected units can be addressed		Display Lighting
			Restaurants
			Reception Counters

Dimensions



Product Code

DPCDIM-300

Electrical Characteristics

Parameter	Value	Unit
Max Power Load	300	W
Load Range	1 - 300	W
Operating Voltage/Frequency	220-240/50	V AC/Hz
Recommended Operating Temperature	0 – 50	°C

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LEDwise Luminaire - Capacity

LEDwise Luminaire	Max. Connector quantity per DALI PC Dimmer
CL1	172
ML6/CL6	28
ML7/CL7	26
ML4H-Diff/CL4H-Diff	22
CL5H-Diff	18
CL12/CL12-Diff/CL12-DISH160	17
CL6H-Diff	16
CL7H-Diff	13
CL19/CL19-Diff/CL19-Dish200/TL19	10
CL24-Diff/CL24-Dish200	8

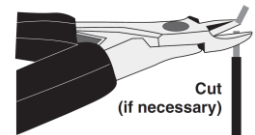
DALI PC Dimmer Installation

Connect wires as per WIRING DIAGRAM:

- DALI controller to **DA 1** and **DA 2** Input connectors
- 220-240V AC **LIVE** and **NEUTRAL** to designated **LIVE** and **NEUTRAL AC INPUT** on DALI PC Dimmer
- 220-240V **AC LIVE** and **NEUTRAL** from DALI PC Dimmer output/**LOAD** to LED Driver
- For multiple DALI PC Dimmer Units, connect second DALI **DA 1** and **DA 2** connectors between adjacent units

Recommended Wire Specifications

- Use AWG 18 (1mm²) wire between DALI Controller and DALI PC Dimmer – Maximum Run length:175m
- Use AWG 14 (1.6 mm²) wire for 220-240V AC Input to DALI PC Dimmer and 220-240V AC Output to LED Driver – Maximum Run Length 435m



Warnings and Cautions

- Do not cover with thermal insulation material
- Dimmer may feel warm to the touch during operation
- Install in dust and moisture free environment and conditions
- To be installed and/or used in accordance with appropriate electrical codes and regulations
- Disconnect power at circuit breaker or fuse when servicing, installing or removing DALI PC Dimmer
- Maximum load should not exceed 300W
- Maximum Voltage drop across wiring should not exceed 2.0V

