



Mark 7 0-10V

The Mark 7 0–10V series of dimmable electronic ballasts offer maximum versatility by incorporating separate control leads for use with a wide array of controllers, including occupancy sensors, daylight harvesting controls, and building management systems from more than 40 manufacturers. When paired with linear fluorescent and 4-pin compact fluorescent lamps, these ballasts optimize the benefits of such popular sustainable lighting techniques as daylight harvesting, occupancy sensing, and load shedding to satisfy the need for an affordable, flexible and versatile controllable lighting solution.

Product data

General Information	
Lamp type	CFTR42W/GX24Q
Number of lamps	1/2 piece/unit
Ballast type	Dimmable Fluorescent
Base model	IZT2T42M5LD
Suitable for outdoor use	Yes
Automatic restart	Yes
Operating and Electrical	
Input voltage	120 to 277 V
Input frequency	50 to 60 Hz
Total harmonic distortion USA	10 %
Ignition method	Programmed Start
Crest factor (nom.)	1.6
Ignition time (nom.)	1.5 s
Ballast factor (max.)	1
Ballast factor (min.)	0.03
Power factor (nom.)	0.99
Input current (max.)	0.82 A
Input current (min.)	0.36 A
Input power (max.)	98 W
Input power (min.)	18 W

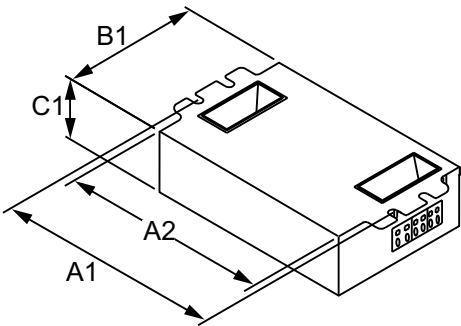
Rated lamp power	42 W
Wiring	
Colour input terminals	BLK, WHT, VLT & GRY
Colour output terminals	RED, YEL & BLU
Wire strip length	0.375 mm
Control wire gauge	18AWG
Lamp connection	Series
Wire length by colour	No wires
Wire gauge (nom.)	18AWG mm
Wire type	Solid
Remote wiring configuration allowed	No
Tandem wiring configuration allowed	No
Through-wiring configuration allowed	No
Max. ballast-lamp distance remote wiring	No Remote
Max. ballast-lamp distance tandem wiring	No Tandem
Max. ballast-lamp distance through-wiring	No Through
Connector type	Poke-In
Temperature	
T-Case maximum (nom.)	70 °C

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Mechanical and Housing	
Housing material	Metal
Housing	M5
Housing dimensions	4.98" x 3.0" x 1.18"
Approval and Application	
EMC immunity standard	FCC Consumer
Approval marks	CSA certificate UL certificate CEC Listing RoHS Compliant
Humming and noise level	A
UL recognised	No

Product Data	
Order product name	MARK 7 0-10V ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V
EAN/UPC – product	781087030080
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	913710291002
Net weight (piece)	0.350 kg

Dimensional drawing



Product	A1	A2	B1	C1
MARK 7 0-10V ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V	4.55 in	4.20 in	3.00 in	1.29 in

ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V

