



Mark 7 0-10V

MARK 7 0-10V ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V

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 Characteristics

Lamp Type	CFTR42W/GX24Q
Number of Lamps	1/2 piece
Input Voltage	120-277 V
Line Frequency	50/60 Hz
Ballast Type	Dimmable Fluorescent
Base Model	IZT2T42M5LD
Housing	M5
Housing Dimensions	4.98" x 3.0" x 1.18"
Housing Material	Metal
Suitable for Outdoor use?	Yes
Starting Method	Programmed Start
Family Name	Mark 7 0-10V

• Operating Characteristics

Automatic restart	Yes
Ignition time	1.5 s
Min. Input Watts	18 (min) W
Max. Input Watts	98 (max) W
Min. Ballast Factor	0.03 (min) -
Max. Ballast Factor	1 (max) -
Ballast Efficacy Factor	1.02 -
Power Factor	0.99
Lamp Current Crest Factor	1.6 -
Sound Rating	A
Max THD	10 %

• Wiring Characteristics

Color input terminals	BLK, WHT, VLT & GRY
Color output terminals	RED, YEL & BLU
Connector type	Poke-In
Wire Striplength	0.375 mm

Control Wire Gauge	18AWG
Lamp Connection	Series
Wire Gauge	18AWG
Wire Length by Color	No wires
Wire Type	Solid
Allowed Wiring Config(Remote)	No
Allowed Wiring Config(Tandem)	No
Allowed Wiring Config(Through)	No
Max Dist. Ball to Lamp(Remote)	No Remote
Max Dist. Ball to Lamp(Tandem)	No Tandem
Max Dist. Ball to Lamp(Through)	No Through

• System Chars on driver level

Rated Lamp Watts	42W
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• Temperature Characteristics

T-case maximum	70 C
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• Product Dimensions

Length A1	4.55 in
Length A2	4.20 in
Width B1	3.00 in
Height C1	1.29 in

• Approval & Application Chars

EMC Immunity	FCC Consumer
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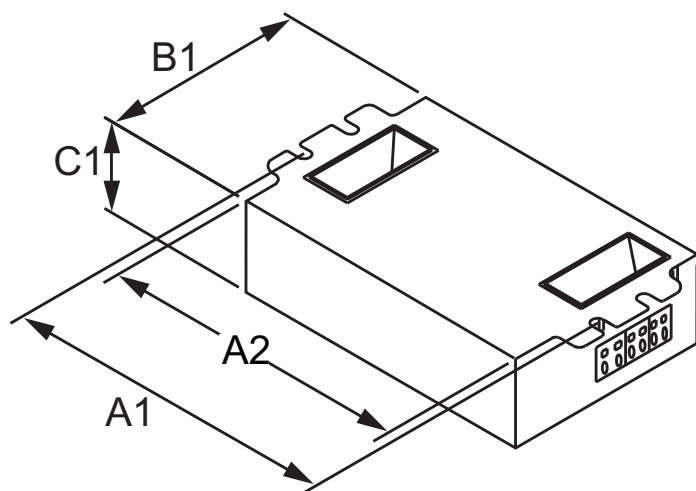
Mark 7 0-10V

Approbation Marks	UL, CSA, RoHS
UL Listed	Yes
CSA certificate	Yes
CEC Listing	Yes
CEE Rated	No
Circle E logo	No
CSA E	No
cUL certificate	No
Energy Star	No
FIDE Certificate	No
NEMA Premium	No
NOM certificate	No
RoHS Compliant	Yes
SASO Certificate	No
UL Recognized	No

• Product Data

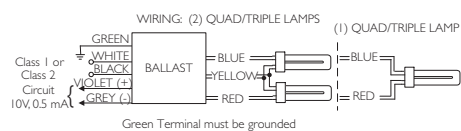
Product number	IZT2T42M5LD35M
Full product name	ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V
Short product name	ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V
Pieces per Sku	1
Skus/Case	20
Bar code on pack	781087030080
Bar code on case	50781087030092
Logistics code(s)	913710291002
eop_net_weight_pp	0.323 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	C1 (Norm)
ELE DIM BAL (2) 42W CFL (4-PIN) 120-277V	4.55	4.20	-	3.00	1.29



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data subject to change