

Troffer Retrofit Series

Premium Volumetric Type Wireless Controls Enabled



SPECIFICATION FEATURES & BENEFITS

- ▶ High efficiency, DLC Premium listed retrofit kit for troffer retrofit in a wide range of commercial and industrial applications.
- ▶ Compatible with wireless control sensors, switches and dimming.
- ▶ Compatible with local and network building management systems for operation programming and performance monitoring.
- ▶ Buy American Act compliant for local, state and federal procurement requirements.
- ▶ Complete - ready to install kit includes troffer fixture, Class 2 power supply, MX-Opu-10V12 RF module with 12VDC power supply.



SPECIFICATION SUMMARY

Model:	RT-22-A8-25	RT-22-A8-30	RT-22-A8-36	RT-24-A8-36	RT-24-A8-40	RT-24-A8-50
Rated Wattage:	25.34	30.0	36.0	36.2	38.53	50.0
Rated Lumens:	3365.5	3900	4680	4929.3	4894.4	6800
Lm/W @ 5000K:	132.8	130	130	136.17	127.01	135
LM79 Wattage @120VAC:	25.34	28.95	36.07	36.0	38.44	51.38
LM79 Lumens @ 5000K:	3365.5	3394.0	3976.0	4902.12	5027	6118.0
CRI:	84.5	82.5	83.0	84.9	81.4	82.6
THD @ 120VAC:	10.93	10.93	10.82	11.25	11.29	11.30
DUV:	.0033	.0035	.0028	.0034	.0036	.0036
Controls Compatibility:	RF Wireless Occupancy / LUX / Dimming / On-Off Switches / Additional Fixtures (wireless daisy chain) / Mobile Device Control*					
Programming:	Factory Presets / Local Programming** / BACnet Network***					
Voltage Options:	100 - 277VAC (Standard) 100 - 382VAC (Optional)					
CCT Options:	3000K / 3500K / 4000K / 4500K / 5000K					
Beam / Field Angle:	120° / 168°					
Power Factor:	≥.99					
L70 Lifespan:	50,000 Hrs. / 66,000 Hrs. L70 (ISTMT & TM-21)					
Operating Temp:	10°C to +40°C Ambient					
Compliance:	Damp Location UL - cUL / RoHS					
Limited Warranty:	5 Year Standard Warranty/10 Year Optional					
Dimensions (in):	22.5 x 22.5 x 2.6in			46.6 x 22.5 x 2.6in		
Total System Weight:	≤4lbs		≤5lbs		≤10lbs	

Notes: *Magnum Venergy UI Software **Magnum AirConfig mobile device download. ***Magnum eBox System. Values are nominal unless noted.

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COMPATIBLE ACCESSORIES

Item	Description	Function
Mx-ML2 Series	Wireless Motion/Lux Sensor	Zone type PIR / Lux Sensor for motion and or daylight response and control.
Mx-Opus Series	Wireless Motion/Lux Sensor	Fixture mounted PIR / Lux Sensor for motion and or daylight response and control.
Mx-ESRP	Wireless Rocker Switch	Wall mounted rocker switch for on/off fixture control.
Mx-EBOX	BACnet IP Gateway	Provides wireless connection to BACnet building networks.
Mx-USR-L3	Wireless Interface Module	Enables wireless communication with EnOcean devices.

Model	Product Dimensions	Psc. / Carton	G.W. / Carton	Carton Size
FF-RT-22-A8	22.5 x 22.5 x 2.6in.	1	2.4kg	62x56x9cm
FF-RT-24-A8	46.6 x 22.5 x 2.6in	1	4.9kg	123x56x9cm

PART NUMBER SPECIFICATION

Part Number Example: FF-RT-22-A8-25-30-100277-D-BAA

Series	Model	Wattage	CCT	Voltage:	Dimming	BAA Compliance
FF-RT	-	-	-	- 100277	-	- BAA
	22-A8 (2 x 2ft.)	25 (25 Watt) 30 (30 Watt) 36 (36 Watt)	30 (3000K) 35 (3500K) 40 (4000K) 45 (4500K) 50 (5000K)	Standard 100277 (100-277 VAC) Optional 100382 (100-382 VAC)	D (0-10V Dimming) ND (Non-dimming optional)	BAA (Buy American Act Compliant)
	24-A8 (2 x 4ft.)	36 (36 Watt) 40 (40 Watt) 50 (50 Watt)				

PROJECT SPECIFICATION

Project:	Part Numbers:	Quantity:
Approved:		
Date:		