

# GOODDAY<sup>®</sup> TROFFER

GDTR | STATIC CIRCADIAN LED | DIRECT | RECESSED



## FEATURES

- Showcases sunlight-inspired Healthē's patented engineered-spectrum technology to promote the natural wake-sleep cycle
- Healthē's GoodDay engineered-spectrum delivers a boost at 480nm, a key wavelength of light that is typically absent indoors, to deliver highest M/P ratio for maximum alerting effect over conventional LED
- Provides energy-efficient, circadian lighting to any area of your office, classrooms, hospital, or other commercial installations with a wide selection of CCT, including 5000K, 4000K, 3500K, and 3000K
- Features a linear ribbed acrylic lens that diffuses luminance while still providing optimal light transmission
- Lightweight and rated for damp locations
- Available in two different size offering (2'x2' and 2'x4') and accommodates both retrofit and new construction
- GoodDay Troffer is made in USA and TAA compliant, making it a qualified solution for government projects. Certificate of origins are available upon request.

**SPECIFICATIONS** *All data shown is nominal*

SOURCE	
LED	Proprietary GoodDay Engineered Spectrum
CCT	GoodDay 5000K, 4000K, 3500K, 3000K
Lumens Output	2500Lm GoodDay 5000K (2 x 2 ft) 5000Lm GoodDay 5000K (2 x 4 ft)
Melanopic/Photopic (M/P) Ratio	0.93 GoodDay 5000K
CRI	90 GoodDay 5000K, 4000K, 3500K, 3000K
R9	90 GoodDay 4000K, 3500K, 3000K 50 GoodDay 5000K
Color Chromaticity	SDCM ≤ 5
LED Lifetime to L80	>69,000 Hours
OPTICAL	
Lens	Extruded, Ribbed Acrylic Lens
ELECTRICAL	
Input Voltage	100–277 VAC
Frequency	50/60 Hz
Power Consumption	21W (2 x 2 ft) 42W (2 x 4 ft)
Efficacy	119Lm/W GoodDay 5000K
Power Factor	≥ 0.9
THD	< 20%
Control Protocol	0–10 V
Dimming Range	10–100%
MECHANICAL	
Housing	Formed Steel
End Caps	Formed Steel
Finish	Matte White
Product Dimensions (LxWxH in/cm)	2 x 2 ft: 23.8 x 23.8 x 3.75 in (605 x 605 x 95 mm) 2 x 4 ft: 23.8 x 47.75 x 3.75 in (605 x 1213 x 95 mm)
Weight (lbs/kg)	2 x 2 ft: 8 lbs (3.6 kg) 2 x 4 ft: 12 lbs (5.4 kg)
Operating Temperature	- 20C / + 45C (tCase)
Mounting	Drop Ceiling Installation
COMPLIANCE & WARRANTY	
Certifications	ETL, FCC
Environment	Suitable for Damp Locations
Warranty	5 Year Limited



**5 YEAR LIMITED WARRANTY**



**ORDERING**

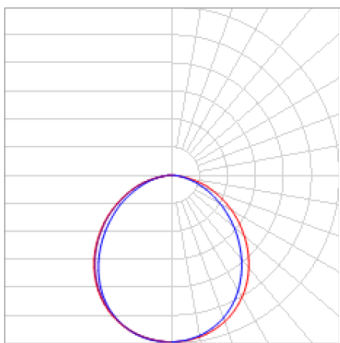
EXAMPLE: GDTR-22-40-MVO-Z-WH, 2X2 TROFFER, 4000K GOODDAY, 120-277V, 0-10V DIMMING, WHITE

Family	Model	Spectrum	Voltage	Control	Finish
GDTR	<b>22</b> 2 x 2 ft	<b>50</b> 5000K GoodDay®	<b>MVO</b> 120-277	<b>Z</b> 0-10V Dimming	<b>WH</b> White
	<b>24</b> 2 x 4 ft	<b>40</b> 4000K GoodDay®		<b>ZUSA</b> 0-10V Dimming - USA Made Driver	
		<b>35</b> 3500K GoodDay®			
		<b>30</b> 3000K GoodDay®			

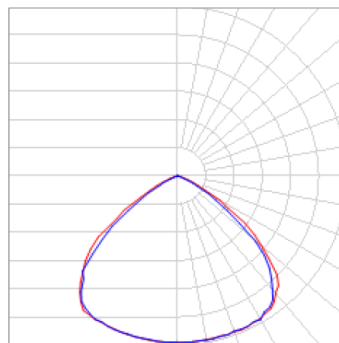
**PERFORMANCE** *All data shown is nominal*

	2 X 2 FT		2 X 4 FT		M/P Ratio	CRI	R9
	Lumen Output (Lm)	Efficacy (Lm/W)	Lumen Output (Lm)	Efficacy (Lm/W)			
<b>5000K</b>	2500	119	5000	119	0.93 ± 0.02	90	50
<b>4000K</b>	2250	107	4500	107	0.83 ± 0.02	90	90
<b>3500K</b>	2130	101	4260	101	0.73 ± 0.02	90	90
<b>3000K</b>	2030	97	4060	97	0.63 ± 0.02	90	90

**CANDELA CURVE**



2 x 2 ft Troffer



2 x 4 ft Troffer

SPECTRAL DISTRIBUTION

