



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — Low profile recessed Static Luminaires designed for general application and is ideal for restricted plenum spaces. Perfect for commercial office spaces, schools, hospitals or retail merchandising areas. With 50,000 hours of life at L70 standard and a 5-year limited warranty the fixture maintenance cost is reduced substantially over time.

CONSTRUCTION — Low profile body with matte white sloped side members. Extruded acrylic lens.

FINISH — Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

OPTICAL SYSTEM — Techlight/Horizon's state of the art Diffuser sets new benchmarks for performance in key metrics such as transmission efficiency for a given level of diffusion or hiding power, beating holographic, surface relief and bulk diffuser techniques. We enable high transmission and a pleasant uniform light at the same time.

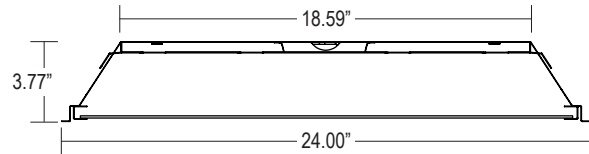
ELECTRICAL SYSTEM — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's available in 3000K, 4000K and 5000K with a CRI >82. Electronic drivers are available in 120/277 volt applications. 0-10V dimming standard.

LISTINGS — ETL listed. LM79 and LM80 tested.

WARRANTY — The complete luminaire is covered by a 5-year limited warranty.



2x2 Lay-In LED Troffer LTR22 SERIES



Series	Housing Height	Length & Width
LTR22	3.77"	24.00" x 24.00"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **LTR22 4 S 40 1**

Series	# of LED Strips	Output	Color Temp/CCT	Voltage	Diffuser
LTR22	2 2 LED Strips 3 3 LED Strips 4 4 LED Strips 6 6 LED Strips	S Standard (350 mA) M Medium (525 mA) H High (700 mA)	30 3000K 40 4000K 50 5000K	1 Multi-Volt ¹	Blank .100" #12 Acrylic CA Clear Acrylic OA Opaque Acrylic

Options (Order as separate line items)

LEB13	1300 Lumen Emergency Ballast
FBF	Fast-Blow Fuse
SBF	Slow-Blow Fuse
AC63	6', 3/8" dia., Armored Flex Cable

NOTES

- Actual wattage may differ by ±5% while operating 120/277V ±10%.
- Multi-Volt is 120/277V.

LTR22 2x2 Lay-In LED Troffer

Technical Data

# of LED Strips	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
			.100" #12 Acrylic	Clear Acrylic	Opaque Acrylic			120V	277V
2	S (350 mA)	3000K	2079	2327	2138	22W	>50K	0.19 A	0.08 A
		4000K	2265	2536	2330	22W	>50K	0.19 A	0.08 A
		5000K	2345	2625	2412	22W	>50K	0.19 A	0.08 A
	M (525 mA)	3000K	2691	3012	2768	38W	>50K	0.32 A	0.14 A
		4000K	2932	3282	3016	38W	>50K	0.32 A	0.14 A
		5000K	3036	3398	3123	38W	>50K	0.32 A	0.14 A
	H (700 mA)	3000K	3637	4062	3732	45W	>50K	0.38 A	0.17 A
		4000K	3963	4426	4066	45W	>50K	0.38 A	0.17 A
		5000K	4103	4582	4210	45W	>50K	0.38 A	0.17 A

# of LED Strips	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
			.100" #12 Acrylic	Clear Acrylic	Opaque Acrylic			120V	277V
3	S (350 mA)	3000K	3118	3491	3207	33W	>50K	0.28 A	0.12 A
		4000K	3398	3804	3495	33W	>50K	0.28 A	0.12 A
		5000K	3518	3938	3619	33W	>50K	0.28 A	0.12 A
	M (525 mA)	3000K	4036	4519	4113	49W	>50K	0.41 A	0.18 A
		4000K	4398	4924	4482	49W	>50K	0.41 A	0.18 A
		5000K	4554	5098	4684	49W	>50K	0.41 A	0.18 A
	H (700 mA)	3000K	5456	6093	5598	72W	>50K	0.60 A	0.26 A
		4000K	5945	6639	6100	72W	>50K	0.60 A	0.26 A
		5000K	6155	6874	6316	72W	>50K	0.60 A	0.26 A

# of LED Strips	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
			.100" #12 Acrylic	Clear Acrylic	Opaque Acrylic			120V	277V
4	S (350 mA)	3000K	4158	4655	4277	43W	>50K	0.35 A	0.16 A
		4000K	4530	5072	4660	43W	>50K	0.35 A	0.16 A
		5000K	4691	5251	4825	43W	>50K	0.35 A	0.16 A
	M (525 mA)	3000K	5382	6025	5536	75W	>50K	0.63 A	0.28 A
		4000K	5864	6565	6032	75W	>50K	0.63 A	0.28 A
		5000K	6072	6797	6246	75W	>50K	0.63 A	0.28 A
	H (700 mA)	3000K	7275	8124	7464	89W	>50K	0.75 A	0.33 A
		4000K	7927	8852	8133	89W	>50K	0.75 A	0.33 A
		5000K	8207	9165	8421	89W	>50K	0.75 A	0.33 A

# of LED Strips	Drive Current	Color Temp	Delivered Lumens			System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
			.100" #12 Acrylic	Clear Acrylic	Opaque Acrylic			120V	277V
6	S (350 mA)	3000K	6237	6982	6415	65W	>50K	0.55 A	0.24 A
		4000K	6796	7608	6990	65W	>50K	0.55 A	0.24 A
		5000K	7036	7877	7238	65W	>50K	0.55 A	0.24 A
	M (525 mA)	3000K	8073	9038	8227	98W	>50K	0.82 A	0.36 A
		4000K	8796	9848	8964	98W	>50K	0.82 A	0.36 A
		5000K	9108	10196	9369	98W	>50K	0.82 A	0.36 A
	H (700 mA)	3000K	10912	12186	11197	134W	>50K	1.12 A	0.49 A
		4000K	11890	13278	12200	134W	>50K	1.12 A	0.49 A
		5000K	12311	13748	12632	134W	>50K	1.12 A	0.49 A

NOTES

1 Actual wattage may differ by ±5% while operating 120/277V ±10%.



Horizon Linear Lighting
2707 Satsuma Drive
Dallas, TX, 75229
Phone: 214-350-0591, 800-225-0727, Fax: 214-350-9137
www.horizonlightingllc.com