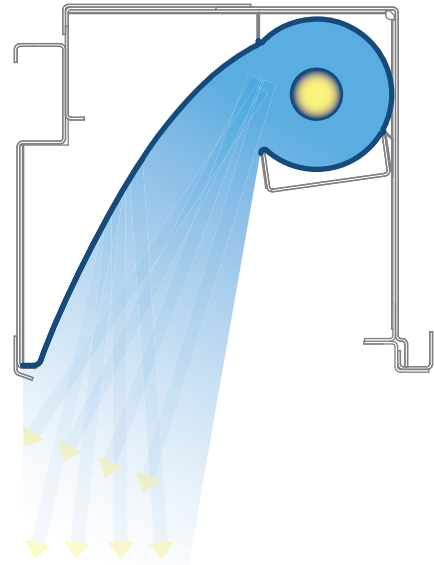


mini-grazer™



FOCAL POINT®

optical breakthrough



The use of focused beam lamp sources such as PAR or MR16 has always been the standard choice for successful wall grazing applications. Fluorescent lighting has never been considered effective as it has lacked the intensity to properly highlight textures and evenly illuminate surfaces over far distances.

Mini-Grazer's Nautilus Optic™ is a precision formed optical instrument that collects the light from the fluorescent lamp going in 360-degrees and channels it into a narrow beam. The Nautilus Optic is able to produce this distribution within an amazing 6" mini-aperture which conceals the light source allowing textures and features to fully be expressed.

ENRICH YOUR SPACE, ACCENTUATE THE DETAILS, AND PUT AWAY YOUR PRECONCEPTIONS ABOUT HOW WALL GRAZING IS ACHIEVED.

uniform lighting



One of the major benefits in using linear fluorescent is that it eliminates the harsh scalloping effect that is inherent in all point source lamp types.

No linear spread lenses here; Mini-grazer also distributes light laterally allowing fixture modules to be spaced as needed. Keep it simple by designing with 3' and 4' lamp modules. Spacing these modules up to 6" allows for even greater energy savings and installation flexibility.

color consistency

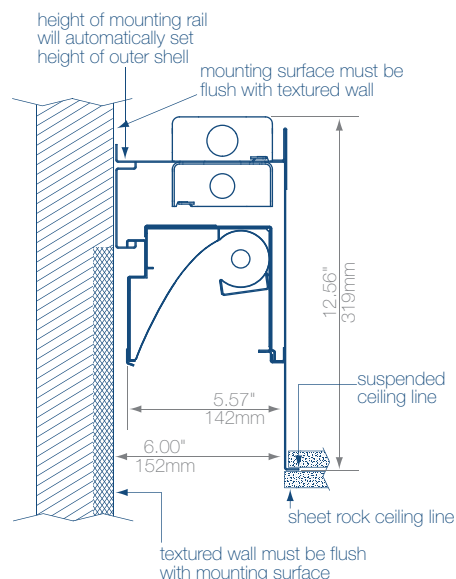
With (CRI) color rendering index in the 80's, T5 fluorescent lamp technology is equal to Ceramic Metal Halide which is considered the benchmark in most grazing applications. If visual warmth and the look of incandescent is what you desire, specify a 2700K lamps for your project. T5 lamps are offered in a variety of colors temperatures ranging from 2700K-8000K.

ordering

luminaire series	Mini-Grazer	FMG	<u>FMG</u>
shielding	No Shielding, Open Optic Baffle, White	NS BB	_____
lamping	One Lamp T5 One Lamp T5HO	1T5 1T5HO	_____
circuits	Single Circuit	1C	<u>1C</u>
voltage	120 Volt 277 Volt 347 Volt	120 277 347	_____
ballast	Electronic Dimming Ballast Electronic Program Start <10% THD	D S	_____
factory options	Air Return Chicago Plenum Emergency Circuit Emergency Battery Pack HLR/GLR Fuse Include 3000K Lamp Include 3500K Lamp Include 4100K Lamp 12" Sliding Sleeve	AR CP EC EM FU L830 L835 L841 SS	_____
finish	Matte White Housing	WH	<u>WH</u>
luminaire length	Designate overall run length dimension (light modules provided in 3' & 4' lengths)	XX'	_____
corner options	90-degree Inside Corner 90-degree Outside Corner	FMG-IC90 FMG-OC90	_____

NOTE: Not intended for drywall surfaces unless a Level 5 finish is specified.

dimensional data



lamp & energy comparison

Lamp Type	70W Par 38 CMH	39W Par 30 CMH	50W Par 30 Halogen	20W MR16 Halogen	T5 Fluorescent	T5HO Fluorescent
Lamp Life	10,000	10,000	6,000	5,000	30,000	30,000
(CRI) Color Rendering	81	81	100	100	85	85
Color Temp.	3000	3000	2800	2850	2700 – 8000	2700 – 8000
Energy Consumption	79W / 9" oc	44W / 9" oc	50W / 9" oc	26W / 9" oc	33W / per 4'	63W / per 4'
Watts Per 4'	421	235	267	139	33	63
5 Yr. Ownership cost per 4'	\$2,606.39	\$2,280.52	\$2,511.78	\$2,696.33	\$136.66	\$189.22

Ownership cost assumptions:
energy cost \$.08 /kWh, 4380 hours/year, labor cost/lamp \$100 + cost of lamp