

HM DUO SERIES

LOW VOLTAGE LINEAR LUMINAIRE

The **Duo Series** expands with the addition of the HM. An ultra-light weight linear luminaire weighing a miniscule three (3) ounces per foot yet still able to deliver over five-hundred-ninety (590) lumens per foot. With the capability to project an exceptionally even and broad light distribution, the HM touts a non-pixelated glow through a custom designed frosted lens.

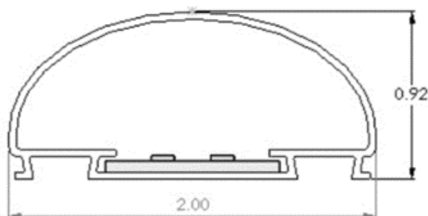
Powered by a proven dual row LED light engine design, the **HM** is offered with either a standard or high output configuration that can deliver over five-hundred-ninety (590) lumens per foot. Furthermore, the HM will deliver an even glow over a one-hundred-fifty (150°) beam angle from a low profile that will blend into virtually any venue.

Keeping with tradition, the **HM** is available in one inch increments up to ninety-six-inches (96") to form a single fixture. With an optional integrated switch, the **HM** can provide the convenience of manual control when the application requires. Configurable as a daisy chain connection or with multiple fixtures connected to a single driver, the **HM** is ideal for task, general illumination and display lighting applications.

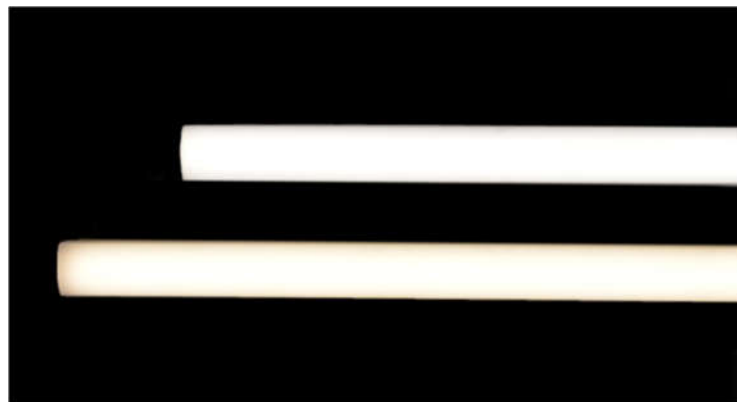
Features

- Made in America quality and craftsmanship
- Customizable fixture lengths, CCT and CRI available
- Five standard CCTs and custom options available
- Broad and even light distribution with zero pixelation
- Daisy chain or connect multiple fixtures to a single driver
- Ultra-light weight envelope of three ounces per foot

Mechanical Profile & Compliance



- All dimensions in INCHES



Specifications					
CCT	2700K	3000K	3500K	4000K	5000K
LED Pitch	Dual 0.5"				
Lumen Output					
SO	321	330	355	370	381
HO	584	600	635	669	695
CRI	80+ & 90+				
Beam Angle	150°				
Lens	Frosted				
Dimmable	Yes				
On Board Dimming	No				
Construction	Polycarbonate				
Housing Finish	White				
Fixture Length _{Min}	8"				
Fixture Length _{Max}	96"				
Ordering Increments	1"				
Power Consumption _w	SO 3.84W HO 7.68W				
Efficacy _{LM/w}					
SO	84	86	92	96	99
HO	76	78	83	87	90
Power Supply	Class II				
Operating Voltage _{dc}	24V				
Fixture Connectors	Indoor PlugnGo, Outdoor PlugnGo				
Fixture Mounting	Fixed Surface Mount Clip				
Environmental Rating	Dry & Damp				
Certifications	UL				
Warranty _{Limited Product}	5 years				
Dimensions	0.92" x 2.0"				
Operating Temp Range	-40 to 120 °F				
Storage Temp Range	-40 to 140 °F				
Weight	0.75 lb / ft				

* Specifications subject to change without prior notification

Ordering Information

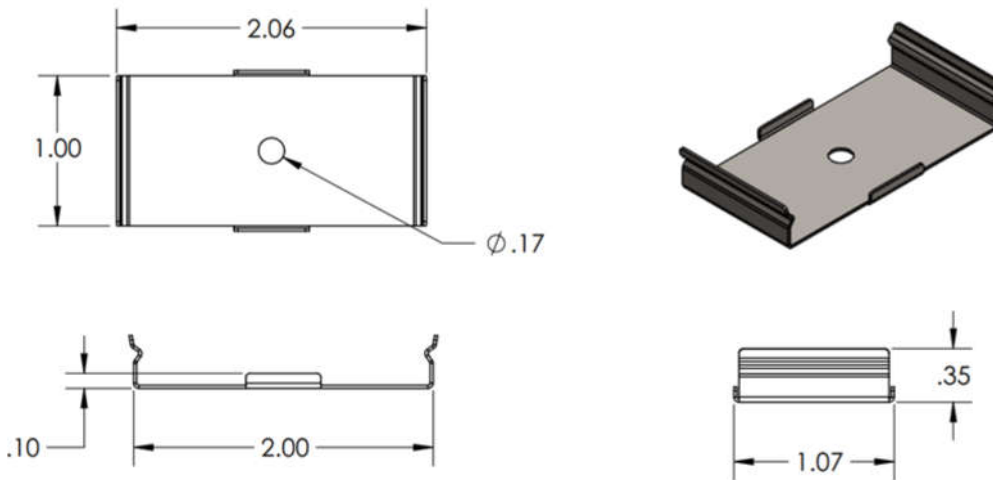
Example: HM-90S-940-150F-LE-ORX-SM-SW

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination	Egress Cable Orientation ³	ePosition	Mount	Accessory
HM	##	SO	80+	27	150	Frosted	Left	End	IPG	Right	X - None	SM - Surface Mount	Blank - None
		HO	90+	30			Right	Back	OPG	Left	End		SWitch
				35				Nearside			Back		
				40				Farside			Nearside		
				50							Farside		
				RED									
				GRN									
				BLU									



¹ Fixture length in inches, ² CRI does not apply to RGB Colors; leave blank, ³ Will always be the opposite letter of the Ingress Cable Orientation (R or L)

Mounting Clip



Surface Mount Clip

Dimming

- All dimensions in INCHES

The Duo Series integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.

