



**Chopstick™**  
with MesoOptics®

Big performance has never been this **small**



4" x 2.25"

## Chopstick™

with MesoOptics®

Fixture scale, performance, lighting quality and budget—why compromise? Chopstick™ offers small size with big lighting performance and a price point that makes it ideal for use in many different types of spaces.



Small Size, Big Performance

94.5% Efficiency

Suspended and Wall Mount Versions

Multiple Lamping Options





## Suspended

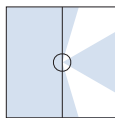
The suspended version of Chopstick™ offers a semi-indirect lighting distribution ideal for open environments and smaller private spaces. Chopstick suspended is available in 4' or 8' modules that can be joined together to create longer runs.





## Wall Mount

The wall mounted version of Chopstick™ offers true asymmetric distribution with increased amounts of downlight—a perfect choice for corridors and private offices. Chopstick wall mount is available in 4' or 8' modules that can be joined together to create longer runs.

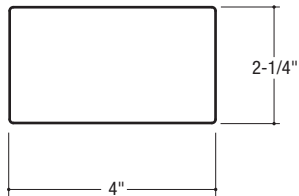


Wall Direct/Indirect



## Clean and Simple

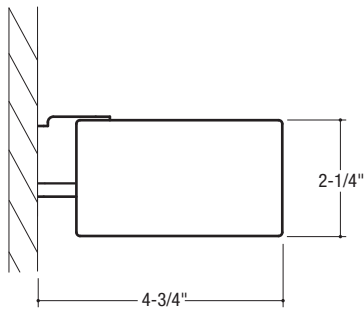
Chopstick™ is a great solution for lighting professionals who appreciate clean lines, minimalist details, luminous elements and want to provide maximized lighting quality within a space.



### Suspended

#### Lamping Options

T5HO	1, 2, 3
T5	1, 2, 3



### Wall

#### Lamping Options

T5HO	1
T5	1

## About MesoOptics®

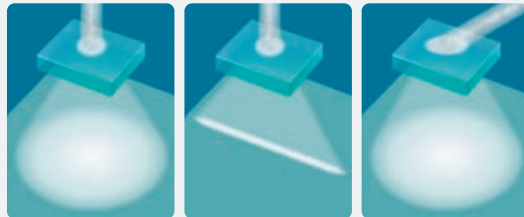
Ledalite's MesoOptics technology offers a revolutionary way to control light—allowing for the creation of visually comfortable lighting products that are exceptionally energy efficient. MesoOptics is produced in a manner similar to the holograms that appear on most credit cards. Using this process, tiny microstructures no greater than 5 microns in size are applied to a substrate such as acrylic, polycarbonate, or glass. It is these microstructures that create the highly-unique characteristics of lighting control that MesoOptics provides.



**Purify:** MesoOptics removes striations and hot spots from lighting sources, creating smooth gradients of pure, white light free from color shifts.

**Control:** MesoOptics can constrain or disperse lighting for optimum control and uniformity. It also allows for the creation of highly-controlled beam patterns and has the ability to redirect light into desired angles.

**Sustain:** MesoOptics is a highly efficient material that allows up to 95% of the light that enters to pass through. This enables the creation of highly energy-efficient lighting products that are environmentally responsible and visually healthy.





## Optional Sensor Integration

Chopstick™ is available with Ledalite's Response Daylight sensors. These fully-integrated sensors can provide 30-35% energy savings in window-adjacent locations—helping to reduce operating expenses and comply with tough new energy codes.

Response Daylight sensors are factory pre-calibrated and ready to use right out of the box. Just plug in the fixture—no power packs, standalone sensors or low-voltage wiring schemes required. The sensors adjust light output gradually with minimal distraction for occupants. A built-in delay prevents disruptions from passing clouds and occasional shadows.

For more detailed info visit: [www.ledalite.com/response](http://www.ledalite.com/response)



# Chopstick Order Guide

Product Series/Type	Lamping	Lower Optics	Upper Optics	Run Length	Wiring	Voltage	Ballast	Finish
<b>7505</b> Chopstick Semi-Indirect	<b>F01</b> 1 T5	<b>Q</b> MesoOptics®	<b>N</b> None	Enter total run length in feet (4ft increments)	<b>1</b> 1cct	<b>1</b> 120V	<b>E</b> Electronic	<b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color
<b>7508</b> Chopstick Wall	<b>F02</b> 2 T5* <b>F03</b> 3 T5* <b>H01</b> 1 T5HO <b>H02</b> 2 T5HO* <b>H03</b> 3 T5HO*	Lens			<b>2</b> 2cct <b>3</b> 1cct w/ Emergency cct <b>5</b> 1cct w/ Battery Pack <b>7</b> 1cct Dimming	<b>2</b> 277V <b>3</b> 347V		
	*Wall mount available in 1 lamp only			Available in 4ft or 8ft modules	Consult website for full list of available wiring options		Consult website for full list of supported ballasts.	Consult website for full list of available factory colors

Some options may not be available for each configuration. Consult factory for details.

## Smaller Size. Better Performance.

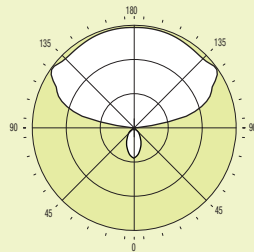
When compared with traditional semi-indirect lighting systems, Chopstick™ delivers leading photometric performance, allowing lighting professionals to create more uniformly illuminated luminous environments with optimal energy-efficiency. Despite a fixture scale that's comparable to a business card, Chopstick™ still delivers wide-spread lighting distribution and fixture efficiencies of up to 94.5%.

Traditional 9" x 3"  
Semi-Indirect Fixture

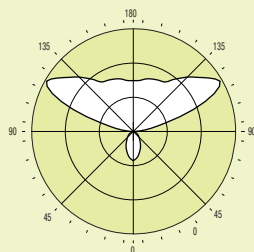


Chopstick 4" x 2 1/4"  
Semi-Indirect Fixture

Traditional Semi-Indirect Fixture



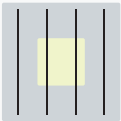
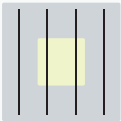
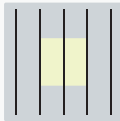
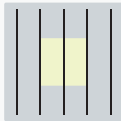
Chopstick Semi-Indirect Fixture



Photometric curve shown for 1 T5HO lamping option. Different lamp types may alter distribution slightly.

## Chopstick™ Performance Comparison

All calculations performed using 80/50/20 reflectances with a 10' ceiling height. Maintenance factor used is .86. Power density calculated using measured input watts to the fixture at time of photometric testing.

Mounting Details:	Drop Distance: 18" Row spacing: 12' on center		Drop Distance: 18" Row spacing: 12' on center		Drop Distance: 18" Row spacing: 10' on center		Drop Distance: 18" Row spacing: 10' on center	
								
Room Area (50' x 50')								
Work Area (20' x 20')								
Fixture Style	Traditional Semi-Indirect	Chopstick	Traditional Semi-Indirect	Chopstick	Traditional Semi-Indirect	Chopstick	Traditional Semi-Indirect	Chopstick
Housing Size	9" x 3"	4" x 2¼"	9" x 3"	4" x 2¼"	9" x 3"	4" x 2¼"	9" x 3"	4" x 2¼"
Lamping	1 T5HO	1 T5HO	1 T5	1 T5	1 T5HO	1 T5HO	1 T5	1 T5
Light Levels - Room (fc)	49	52	28	33	59	64	34	40
Light Levels - Work Area (fc)	62	67	36	42	73	78	43	49
Ceiling Uniformity	11.3:1	7.6:1	11.4:1	7.5:1	7.6:1	4.7:1	7.6:1	4.6:1
Power Density (W/sq. ft.)	1.11	1.05	0.58	0.59	1.39	1.32	0.73	0.73



# LEDALITE

**Ledalite is a Philips group brand**

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Luminaire use fluorescent lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)



**Recycled**

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