



# LEMB

## EMBODY SERIES 2X2 & 2X4 LED RECESSED LUMINAIRES

### PERFORMANCE MEETS STYLE

There's More to Lighting Than What Can Be Seen. Techlight / Horizon Lighting has developed the Embody Series LED Recessed Luminaire to provide rich, vibrant LED light in a modern and stylish package. It has been engineered to provide outstanding performance in all kinds of applications. This versatility makes the Embody a perfect choice for schools, municipalities or commercial applications, and you'll enjoy the kind of quality typically found in much more expensive luminaires.

The Embody has been tested in an independent laboratory to LM79 and LM80 test standards and is RoHS compliant. The long life LED's are rated for over 50,000 hours of life and the luminaire is backed by a 5-Year Limited Warranty. Our state of the art diffuser touts higher transmission efficiency than holographic, surface relief or bulk diffuser techniques and the ultra slim profile allows the luminaire to be utilized even in low plenum applications.

There is no longer a need to compromise between energy efficiency and style. The Embody Series is a testament to the quality and care Techlight / Horizon Lighting puts into all of our fixtures. We are committed to being the brand of choice for designers, architects, specifiers, contractors and installers.

Additional innovative, high performance products such as the Scimitar can be found at [www.techlightusa.com](http://www.techlightusa.com).



**TECHLIGHT**  
INNOVATION IN ILLUMINATION



## 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: **LEMB24 H 40 1**

### SERIES

**LEMB22** Embody Series 2x2 LED Recessed Luminaire  
**LEMB24** Embody Series 2x4 LED Recessed Luminaire

### DRIVE CURRENT

**S** Standard Drive Current (1050 mA)  
**M** Medium Drive Current (1400 mA)  
**H** High Drive Current (2000 mA)  
(See performance data for Delivered Lumens)

### COLOR TEMPERATURE

**35** 3500K  
**40** 4000K  
**50** 5000K

### VOLTAGE

**1** Multi-Volt (120-277V)

### ACCESSORIES (Ordered Separately)

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

## PERFORMANCE DATA

### EMBODY SERIES 2X2

Drive Current	Color Temp	Delivered Lumens	System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
					120V	277V
1050 mA	3500K	4131	38	>50K	.35 A	.15 A
	4000K	4256	38	>50K	.35 A	.15 A
	5000K	4692	38	>50K	.35 A	.15 A
1400 mA	3500K	5107	58	>50K	.49 A	.21 A
	4000K	5262	57	>50K	.48 A	.21 A
	5000K	5800	57	>50K	.48 A	.21 A
2000 mA	3500K	6335	84	>50K	.70 A	.31 A
	4000K	6603	83	>50K	.70 A	.30 A
	5000K	7542	82	>50K	.69 A	.30 A

### EMBODY SERIES 2X4

Drive Current	Color Temp	Delivered Lumens	System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
					120V	277V
1050 mA	3500K	3925	41	>50K	.35 A	.15 A
	4000K	4044	41	>50K	.35 A	.15 A
	5000K	4458	41	>50K	.35 A	.15 A
1400 mA	3500K	4852	58	>50K	.49 A	.21 A
	4000K	4999	57	>50K	.48 A	.21 A
	5000K	5510	57	>50K	.48 A	.21 A
2000 mA	3500K	6019	84	>50K	.70 A	.31 A
	4000K	6273	83	>50K	.70 A	.30 A
	5000K	7165	82	>50K	.69 A	.30 A

## TECHNICAL DATA

### Energy Analysis

Input Voltage	120-277V
System Input Power	38-84 Watts
Delivered Lumen Output	3925-7542 Lumens
Efficacy	123 LPW Max
Standard Dimming Control	0-10V
CCT	3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	>50,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

