

# CAMBER™ LAMP / ELECTRICAL GUIDE

LAMP WATTAGE	LAMP TYPE	SYSTEM WATTS	BULB TYPE	INITIAL LUMENS	LIFE (HOURS)	ANSI CODE	STARTING TEMP.	CIRCUIT TYPE	VOLTAGE	OPT. AMPS	OPEN CIRCUIT AMPS	STARTING AMPS	MIN. FUSE AMPS
<b>PULSE START METAL HALIDE</b>													
50	PSMH	56	Clear, ED17, Med Base	4,100	10,000	M110	-20°F	Electronic	120	-	-	0.47	2
									277	-	-	0.20	2
70	PSMH	80	Clear, ED17, Med Base Clear, T6, G12 Base	5,300	16,000	M98 M143	-20°F	Electronic	120	-	-	0.67	4
									208	-	-	0.45	3
									240	-	-	0.38	2
									277	-	-	0.30	2
100	PSMH	129	Clear, ED17, Med Base	8,500	15,000	M90 M140	-20°F	Electronic	120	-	-	0.92	6
									208	-	-	0.70	4
									240	-	-	0.60	3
									277	-	-	0.40	3

## HIGH PRESSURE SODIUM

50	HPS		Clear, ED17, Med Base	4,000	24,000	S68	-40°F	HPF	120	0.55	0.90	1.00	3
70	HPS		Clear, ED17, Med Base	6,300	24,000	S62	-40°F	HPF	120	0.75	1.30	1.30	3
100	HPS		Clear, ED17, Med Base	9,500	24,000	S54	-40°F	HPF	120	1.05	1.80	1.80	5

## COMPACT FLUORESCENT

42	PL	46	Coated, GX24q-4 Base	3,200									
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NOTE: 42W, 32W and 26W lamps use the same ballast.

### NOTES:

- ① U.S. Architectural Lighting's Lamp and Electrical Guide is for reference only. ALWAYS consult lamp manufacturer's data for exact technical specifications.
- ② All Initial Lumen values shown are approximate in the vertical position and may vary from one manufacturer to another.
- ③ All electrical data for Emergence Egress circuit is dependent upon power source. (see note #4)
- ④ Emergency Egress circuit is discreet for 12volt supply from generator, inverter, or battery back-up.

WARNING: All fixtures must be installed in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**ELECTRICAL COMPONENTS** All electrical components are UL recognized. High power factor ballasts are rigidly mounted inside the Fixture Body and are factory prewired with a quick-disconnect plug for mating to the socket. HPS core and coil ballast, reactor - high power factor with starting temperatures of -40°F. MH electronic HID ballasts are high power factor, low frequency, -20°F starting. Fluorescent ballasts are electronic, high power factor, 0°F starting. HID socket is 4KV pulse rated medium base. Optional G-12 base socket is available for 70PSMH T6 lamp mode. Fluorescent socket is universal for 26W, 32W, or 42W PL lamps.

**GASKETS** Between Ballast Housing and Fixture Body – One-piece continuous EPDM gasket with seam located on bottom edge of housing. Between Lens and Socket Cup – One-piece molded silicone gasket.

**OPTIONAL EMERGENCY EGRESS** Trilux Model TLX-SF MR16 20W to 50W fully adjustable fixture rated for outdoor application. Discrete wiring circuit for connection to an emergency generator, inverter, or to battery back-up (by others). (Refer to [www.usaltg.com](http://www.usaltg.com) for detailed fixture specification)

**FINISH** Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI pressure power wash at 140° F.; four step iron phosphate pretreatment for protection and paint adhesion: baked at 400°F for maximum hardness and durability.



IP65

# CAMBER™ ORDERING INFORMATION

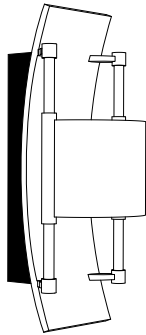
## Ordering Example

**CBR4 / 70PSMH120 / RAL-9005 / CF15 / EE**

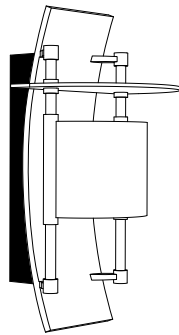
Fixture                      Electrical Mode                      Finish                      Option                      Option

**1                                      2                                      3                                      4                                      5**

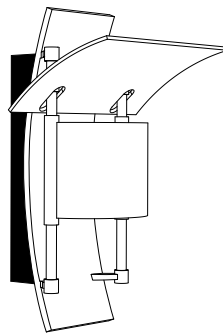
### 1. FIXTURE



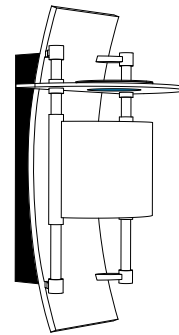
**CBR1**



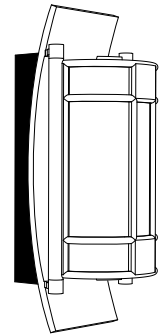
**CBR2**



**CBR3**



**CBR4**



**CBR5**

### 2. ELECTRICAL MODE

#### EXAMPLE

LAMP WATTS	LAMP TYPE	LINE VOLTS
100	PSMH	277

#### PULSE START METAL HALIDE

50PSMH120	70PSMH120	70PSMH120T6	100PSMH120
50PSMH277	70PSMH208	70PSMH208T6	100PSMH208
	70PSMH240	70PSMH240T6	100PSMH240
	70PSMH277	70PSMH277T6	100PSMH277
	70PSMH347		100PSMH347

#### HIGH PRESSURE SODIUM

50HPS120	70HPS120	100HPS120
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#### COMPACT FLUORESCENT

42PL120  
42PL208  
42PL240  
42PL277

NOTE: 42W, 32W and 26W lamps use the same ballast.

**PRODUCT IS AVAILABLE IN LED - CONSULT FACTORY.**



### 3. FINISH

Electrostatically applied TGK powder coating features a multi-step finishing process to produce a durable weather resistant finish.

COLOR	TEXTURED	SMOOTH
BLACK	RAL-9005-T	RAL-9005
WHITE	RAL-9003-T	RAL-9003
GREY	RAL-7004-T	RAL-7004
DARK BRONZE	RAL-8019-T	RAL-8019
GREEN	RAL-6005-T	RAL-6005

NOTE: Other colors available. (Refer to [www.usaltg.com/RAL-Colors.html](http://www.usaltg.com/RAL-Colors.html))

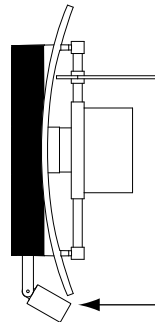
### 4. COLOR FILTERS FOR CBR4

Color Filters are for accent color on building overhangs, reliefs and projections.

	CLEAR	CFC
	DEEP STRAW 15	CF15
	MEDIUM RED 27	CF27
	BRILLIANT BLUE 69	CF69
	PRIMARY GREEN 91	CF91

NOTE: Other colors available.

### 5. OPTIONAL EMERGENCY EGRESS



**CAT. NO. EE**  
Trilux Model TLX-SF  
20W to 50W MR16 fixture  
for discrete wiring back  
to emergency generator,  
inverter or battery backup  
by others.