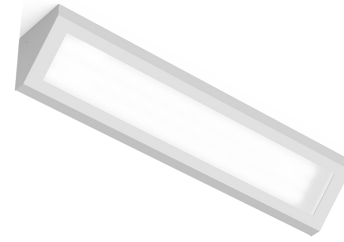


DURACARE™ 55M SERIES

PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____



55M Series

PRODUCT FEATURES

- Ligature resistant for Behavioral Health applications
- 8.5" x 1', 2' or 4' Corner clamshell housing with contraband drop slot between ceiling and back of luminaire
- Inner and outer lens secured by "Z" bracket retention system with 6" stud spacing for maximum strength
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)

ORDERING INFORMATION

Example: 55M2-B-L235-1C-O/A-UN



55M				
Series	Size*	Housing	Lumen Output*	Color Temp.
	1 = 1ft	A = 12Ga. CRS Painted	F = 16Ga. SS Brushed	35 = 3500K
	2 = 2ft	B = 14Ga. CRS Painted	G = 18Ga. SS Brushed	40 = 4000K
	4 = 4ft	C = 16Ga. CRS Painted	H = 14Ga. SS Painted	50 = 5000K
		D = 18Ga. CRS Painted	J = 16Ga. SS Painted	
		E = 14Ga. SS Brushed	K = 18Ga. SS Painted	
	*Nominal Size. Dimensional Data on Page 2.		L2 = Low L3 = High** CL = Custom Lumen Output***	
			*Subject to change. Performance Data on Page 3. **N/A with 55M1. ***Must be specified at time of quote. Must not exceed fixture maximum output.	
				1C = 1 Circuit 2C = 2 Circuits

/				
Outer Lens	Inner Lens	Voltage	Driver	Options
0 = No Lens	A = .125 Prismatic Acrylic*	12 = 120V	DM = 0-10V dimming	FZ1 = Fuse (120V)
A = .125 Clear Poly.	B = .125 Prismatic Poly.	27 = 277V	with 10-100% range	FZ2 = Fuse (277V)
B = .156 Clear Poly.	C = .156 Prismatic Poly.	34 = 347V	DM1 = 0-10V dimming	LN = LED Night Light*
1 = .187 Clear Poly.	D = .187 Prismatic Poly.	UN = Universal (120V - 277V)	with 1-100% range	AH = Allen head screws with center pin reject
2 = .250 Clear Poly.	F = .156 Prismatic Acrylic*			UV = .005 UV Absorbing Overlay
3 = .375 Clear Poly.	G = .140 DR Acrylic**			PF = Plaster Frame and Yoke
5 = .187 Clear Temp. Glass	LC3 = .125 White Frosted Poly.			AM = Antimicrobial Finish
6 = .250 Clear Temp. Glass				EL1 = Emerg. Battery LED 10W**
7 = .375 Clear Temp. Glass*	*N/A with 0 = No Lens, must specify with outer lens.			EL2 = Emerg. Battery LED 20W**
8 = .500 Clear Temp. Glass*	**Not rated for Wet Locations.			
9 = .750 Clear Temp. Glass*				
*Must use with 12Ga. or 14Ga. frame				*3500K, Non-dimming. Integrated switch allows light levels at 100%, 70%, 40%, and 10% levels. **N/A with 55M1. If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.



New Star Lighting

2225 W Pershing Rd, Chicago, IL 60609
 (773) 847-1400
 www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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SPECIFICATIONS

HOUSING: Die-formed, seam welded, and ground smooth surface corner clamshell design in cold rolled steel or stainless-steel. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

BACKPLATE: Die-formed with contraband drop slot and embossed mounting holes (material and gauge to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

HINGE: 16-Gauge full length continuous, staked piano hinge with welded ends to prevent removal (material to match housing).

LENS: Outer and Inner lens options secured by "Z" retainers with weld studs spaced six inches apart for maximum strength.

LED: Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards.

ELECTRICAL: 120-277VAC or 347VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.90 PF). Optional 0-10V Dimming with 1-100% or 10-100% range.

FASTENERS: Tamper-resistant Torx® head fasteners.

FINISH: Antimicrobial white polyester powder coat finish following multi-stage iron phosphate pretreatment.

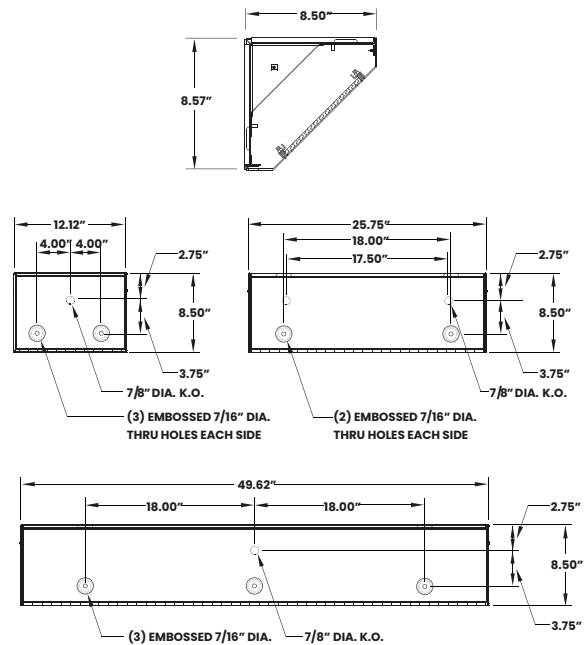
GASKET: Black neoprene gasket around doorframe to prevent light leaks.

MOUNTING: Surface installation.

WARRANTY: 5 Year Warranty.

LABEL: Fixture is certified to UL Standards. Suitable for Wet Locations. This product is Made in America and complies with the Buy American Act, and the Build America, Buy America Act.

DIMENSIONAL DATA



PERFORMANCE DATA

*Data is with 80 CRI chip at 4000K. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	LUMENS DELIVERED	EFFICACY (lm/w)	INPUT POWER (W)
55M1	L2 = Low	1440	115	12.5
55M2	L2 = Low	2750	115	25
	L3 = High	4125	115	37.5
55M4	L2 = Low	5500	115	50
	L3 = High	8250	115	75



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