

DESCRIPTION

The Medical Task Undercabinet Series provides effective task lighting solutions for any application. This solid front specification grade fluorescent undercabinet series incorporates the latest energy efficient technology with fluorescent lamps and electronic ballasts to improve the appearance and productivity of the illuminated environment. The unique low profile solid front design conforms to various applications such as nursing stations, modular offices, laboratories, computer work centers and practically any under-counter installation where an inconspicuous light source is required to provide high light levels below the luminaire.

SPECIFICATION FEATURES

Internal Reflector

Standard white painted housing reflector for improved efficiency. Front Reflector Standard white painted solid front housing reflector improves efficiency and minimizes glare.

Housing

Available in 1.8" deep heavy gauge seam welded CRS construction with no exposed fasteners. Keyhole mounting slots are located on top of housing for ease of installation.

Knock-outs are provided on ends for continuous row mounting.

Finish

High gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%. 1000 hour salt spray test.

Lens

Choice of clear, Pattern 12 prismatic acrylic or polycarbonate diffuser or KSH25 linear ribbed asymmetric.

Lamps

By others.

Ballast

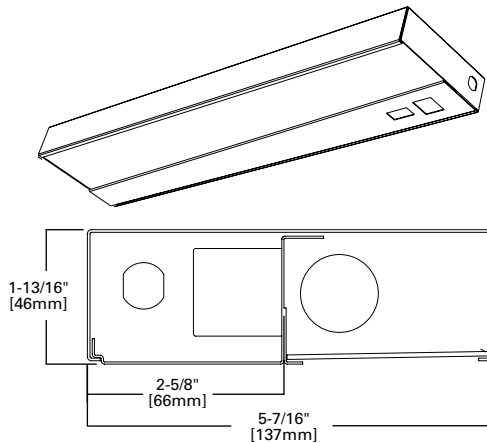
Electronic Class P CBM/ETL.

Electrical

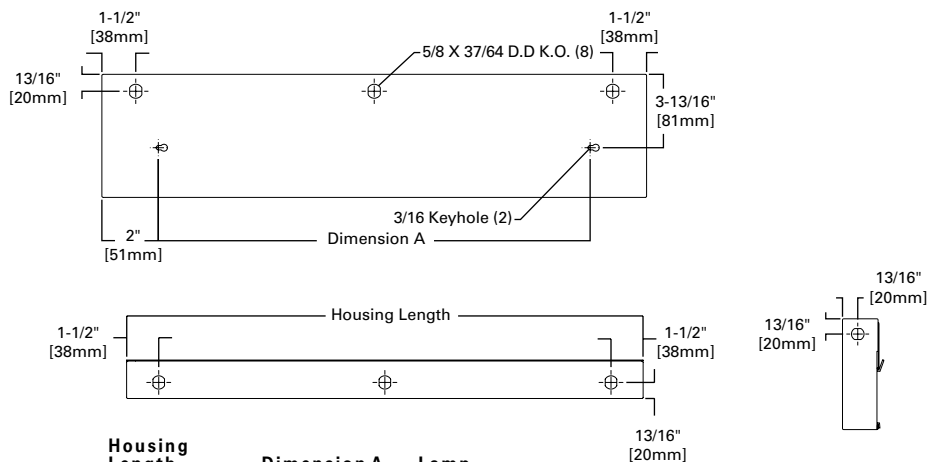
Suitable for through wiring when installed in continuous rows.

Labels

UL/cUL listed for damp locations.



SIDE DIMENSIONS



Housing Length	Dimension A	Lamp
24.1" [612.1mm]	20.1" [510.5 mm]	17WT8
36.1" [916.9 mm]	32.1" [815.3 mm]	25WT8
48.1" [1221.7 mm]	44.1" [1120.1 mm]	32WT8
60.1" [1526.5 mm]	56.1" [1424.9 mm]	40WT8



MAS

**T8
Fluorescent
Undercabinet**

Solid Front

ENERGY DATA

Input Watts:

Electronic Ballasts and Standard Lamps

- (1) 17W T8 Fluorescent: 22W
- (1) 25W T8 Fluorescent: 29W
- (1) 32W T8 Fluorescent: 36W
- (1) 40W T8 Fluorescent: 42W

ORDERING INFORMATION

SAMPLE NUMBER: MAS-17-120-IK12-EB81-RSW

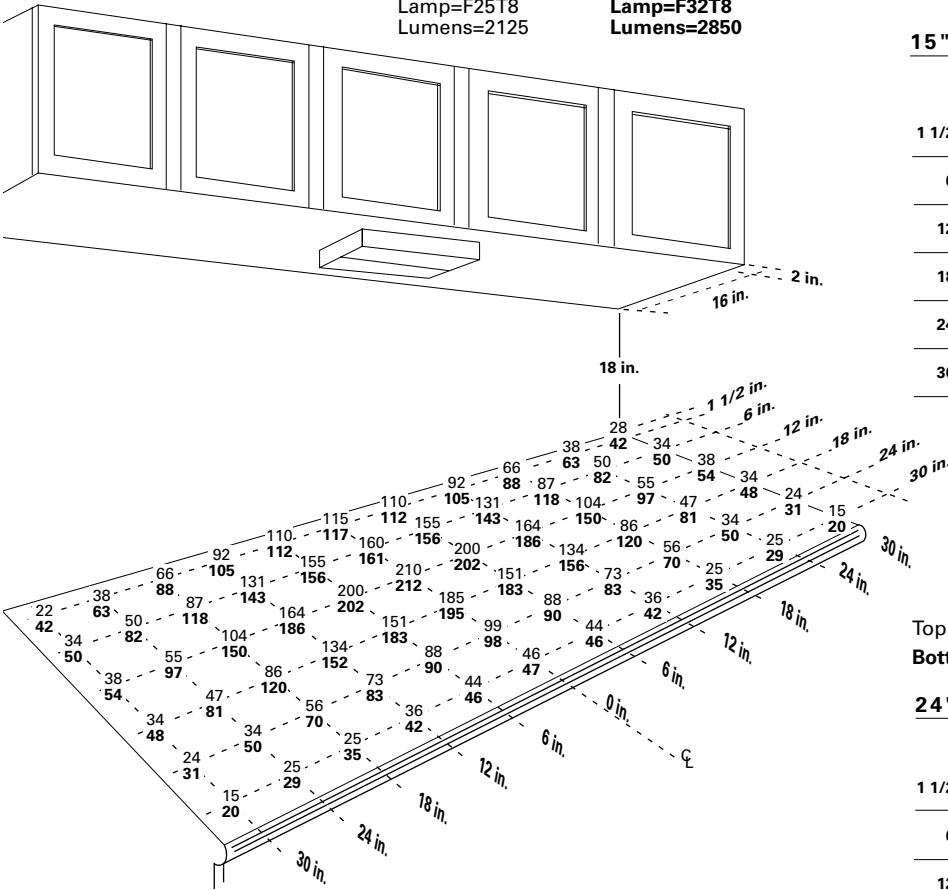
Series	Lamp Type	Voltage	Lens Type	Ballast ²	Options (Factory Installed)
MAS					
MAS =Undercabinet Solid Front	T8 Fluorescent 17 =(1) 17W Lamp 25 =(1) 25W Lamp 32 =(1) 32W Lamp 40 =(1) 40W Lamp ¹	120 =120V 277 =277V 347 =347V UNV =120-277V	IK12 =Pattern 12 Acrylic KSH25 =Linear Ribbed Acrylic IP12 =Pattern 12 Polycarbonate	EB81 =(1) Electronic Ballast for use with T8 Lamp ER81 =(1) Electronic Ballast, rapid start	GLR =GLR Fuseholder with Fuse 6CP =6ft. Cord with Grounded Plug GCO = Grounded Convenience Outlet (White) ³ RSW =Rocker Switch (White) ³ AM =Anti-Microbial Finish (All painted parts)

Notes:
¹ 5' T8 40W Lamp.
² For specific electronic ballast, specify brand and catalog number.
³ GCO and RSW are mounted standard on the right side of the luminaire.

PHOTOMETRICS

Fixture Application

18" Mounting Height



Note:
 Point by point illumination scale is distorted on
 fixture application and mounting.

Optional Mounting Heights

Top Number: Test No. 174P102; MAS-25-IK12
 Bottom Number: Test No. 174P101; MAS-32-IK12

15" Mounting Height

	30"	24"	18"	12"	6"	0"	6"	12"	18"	24"	30"
1 1/2"	28	45	73	101	120	124	115	95	67	43	27
6"	43	66	93	113	123	127	124	114	94	67	42
12"	32	57	103	156	188	189	178	146	95	53	30
18"	52	92	142	173	188	191	190	177	145	94	52
24"	31	65	135	221	266	271	251	204	125	61	31
30"	60	121	197	243	263	270	266	249	202	123	59
36"	27	53	104	170	206	210	195	156	97	48	25
42"	51	96	151	131	202	208	207	194	155	97	48
48"	17	30	50	76	89	91	84	70	46	27	16
54"	28	48	72	85	91	93	91	82	67	47	28
60"	10	15	20	30	33	34	32	28	20	15	10
66"	15	23	28	32	35	37	38	35	28	28	16

Top Number: Test No. 174P114; MAS-25-IK12
 Bottom Number: Test No. 174P120; MAS-32-IK12

24" Mounting Height

	30"	24"	18"	12"	6"	0"	6"	12"	18"	24"	30"
1 1/2"	19	34	57	83	101	106	101	83	57	34	19
6"	41	60	80	94	101	106	101	94	80	60	41
12"	23	42	70	97	118	126	118	97	70	42	23
18"	47	71	94	112	123	124	123	112	94	71	47
24"	25	43	72	105	128	135	128	105	72	43	25
30"	49	75	104	126	139	143	139	126	104	75	49
36"	23	41	65	71	116	126	116	71	65	41	23
42"	45	67	91	111	124	130	124	111	91	67	45
48"	19	33	50	96	88	94	88	96	50	33	19
54"	34	52	66	80	90	94	90	80	66	52	34
60"	13	23	31	45	54	58	54	45	31	23	13
66"	25	34	41	50	57	57	57	50	41	34	25