

DESCRIPTION

The Medical Task Undercabinet Series provides effective task lighting solutions for any application. This wraparound lens specification grade fluorescent undercabinet 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 wraparound lens design conforms to various applications such as nursing stations, modular offices, laboratories, computer work centers and practically any under-counter installation where high light levels are required below and forward of the luminaire.

SPECIFICATION FEATURES

Internal Reflector

Standard white painted housing reflector for improved efficiency.

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

Extruded opal acrylic linear ribbed diffuser.

Lamps

By Others

Ballast

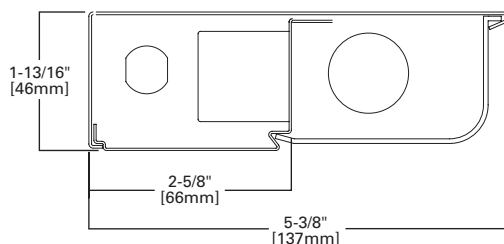
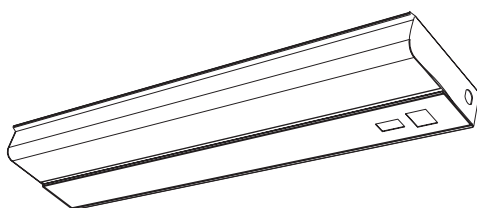
Electronic Class P CBM/ETL.

Electrical

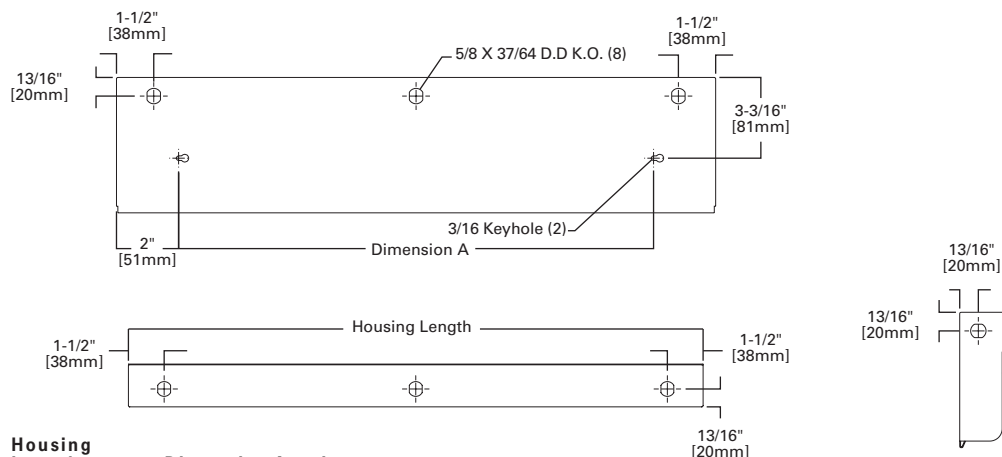
Suitable for through wiring when installed in continuous rows.

Labels

UL/cUL listed for damp locations.



MOUNTING DIMENSIONS



Housing Length	Dimension A	Lamp
24.1" [612.1 mm]	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



MAT

T8
Fluorescent
Undercabinet

Wraparound Lens

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: MAT-25-120-ECP-EB81

Series	Lamp Type	Voltage	Lens Type	Ballasts ²	Options (Factory Installed)
MAT					
MAT = Undercabinet Wraparound Lens	T8 Fluorecents 17 =(1) 17W 25 =(1) 25W 32 =(1) 32W 40 =(1) 40W ¹	120 =120V 277 =277V 347 =347V UNV =120-277V	OPL =Opal Linear Prism	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 ³ GCO =Grounded Convenience Outlet (White) ³ RSW =Rocker Switch (White) ³ AM =Anti-Microbial Finish (All painted parts)

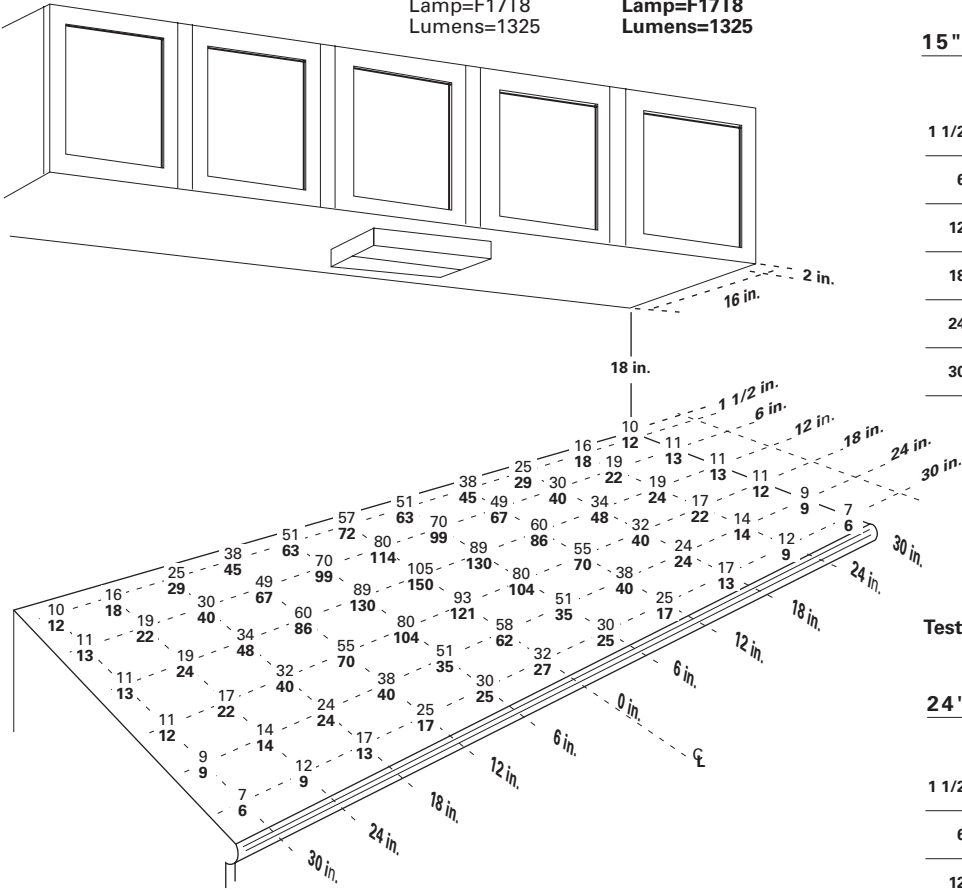
Notes:
¹ 5', 40W T8 Lamp
² For specific electronic ballast, specify brand and catalog number.
³ GCO and RSW are mounted standard on the right side of the luminaire.

PHOTOMETRICS

Fixture Application
18" Mounting Height

Top Number:
 Test No. 174P125
 MAT-17-OPL
 Lamp=F17T8
 Lumens=1325

Bottom Number:
 Test No. 174P127
 MAT-17-CEX
 Lamp=F17T8
 Lumens=1325



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

Optional Mounting Heights

Test No. 174P124; MAT-17-OPL

15" Mounting Height

	30"	24"	18"	12"	6"	0"	6"	12"	18"	24"	30"
1 1/2"	13	20	31	48	64	70	64	48	31	20	13
6"	14	22	36	61	89	103	89	61	36	22	14
12"	13	22	42	80	128	147	128	80	42	22	13
18"	12	20	35	67	104	120	104	67	35	20	12
24"	9	15	34	42	58	65	58	42	34	15	9
30"	8	11	16	22	27	31	27	22	16	11	8

Test No. 174P126; MAT-17-OPL

24" Mounting Height

	30"	24"	18"	12"	6"	0"	6"	12"	18"	24"	30"
1 1/2"	12	18	26	36	45	49	45	36	26	18	12
6"	13	20	30	43	55	61	55	43	30	20	13
12"	14	21	32	47	62	69	62	47	32	21	14
18"	13	20	30	44	58	64	58	44	30	20	13
24"	12	18	26	35	44	47	44	35	26	18	12
30"	10	14	19	25	29	33	29	25	19	14	10