

PHILIPS Day-Brite CFI

Healthcare

Multi-Med patient
room luminaire 2x2

ME340NLG & ME440NLG
Exam function



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

The Philips Day-Brite / CFI Multi-Med patient room exam luminaire provides an effective solution for meeting the examination function in a patient room. The 2x2 size allows location precisely at the ceiling plane above the patient's bed. The louvered shielding options limit glare for the patient and other room occupants.

Ordering guide

example: ME340N277PBL-GMF

Family	Voltage	Diffuser	Options
		-	
ME340NLG (3) 40WTT5 Fluorescent (2G11 base) ME440NLG (4) 40WTT5 Fluorescent (2G11 base)	120 277 347	PBL¹ Semi-specular parabolic louver w/translucent acrylic overlay PPBL¹ Painted parabolic louver w/translucent acrylic overlay ACR Acrylic prismatic lens (nom. 0.125" thickness) PCL Specular paracube louver (1/2" x 1/2" cells) w/translucent acrylic overlay	GMF Slow blow fuse NL13 Night light, 13W compact fluorescent (switched at wall) RFI (1) Radio frequency interference suppressors and RFI grid on lens

Footnotes

¹ The ME340NLG has an 18 cell louver and the ME440NLG has a 24 cell louver

Accessories (order separately)

- **FMA22** – 2'x2' "F" mounting frame for NEMA "F" mounting

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Features

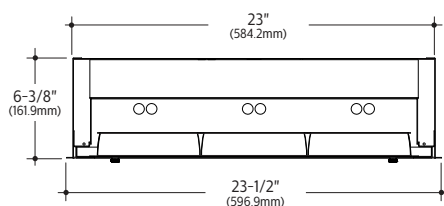
- Lensed door protects lamp compartment and simplifies cleaning.
- Tool-less access for lamp replacement.
- Multiple shielding options.
- Antimicrobial finish to inhibit the growth of microbes.
- Optional night/chart light.

Specifications

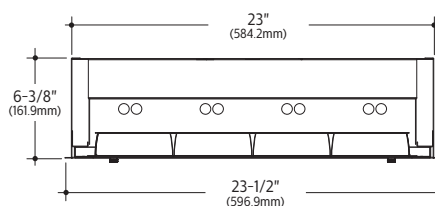
- **Construction:** 20 gauge cold rolled steel housing with .040" aluminum internal components.
- **Door Frame:** Both door frames have one-piece, formed aluminum construction with full length, stainless steel hinge and thumb screws for tool-less service access.
- **Reflector and Lenses:** ME340NLG/440NLG has a formed aluminum reflector with either 1-1/2" deep parabolic louver (in a semi-specular or white painted finish), a low brightness 1/2" x 1/2" plastic paracube louver with metalized finish or an acrylic prismatic lens. The louver options have a translucent overlay.

- **Finish:** The housing, reflectors, lamp shields and door frame are painted after fabrication with a white polyester powder coat paint finish. An antimicrobial paint additive inhibits the growth of microbes.
- **Lamps:** The ME340NLG is provided with (3) 40W twin-tube fluorescent lamps with 2G11 base and the ME440NLG has (4) 40W twin-tube fluorescent lamps. The lamps are supplied with a 3500K color temperature unless specified. Relamping can be done without tools.
- **Electrical:** Electronic ballasts are provided for the specified voltage (120, 277 or 347 volts).
- **Installation:** Multi-Med can be installed into a grid or drywall ceilings. Drywall applications require the FMA22 (flange kit) option. (3) 7/8" knockouts are provided on the top of the housing. Refer to the Dimensional Data for further details.
- **Listing:** ETL listed for US and Canada in damp locations.
- **Warranty:** 5 year limited warranty.

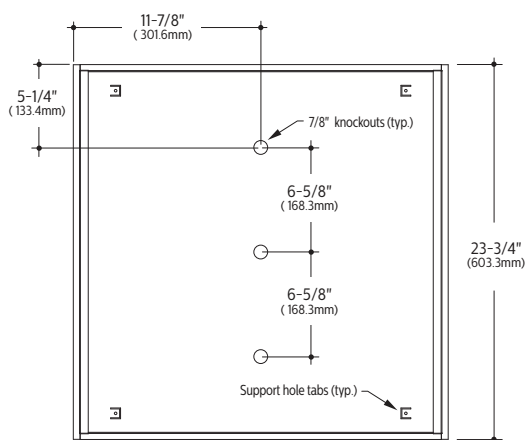
Dimensions



Cross Section (ME340NLG)



Cross Section (ME440NLG)



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

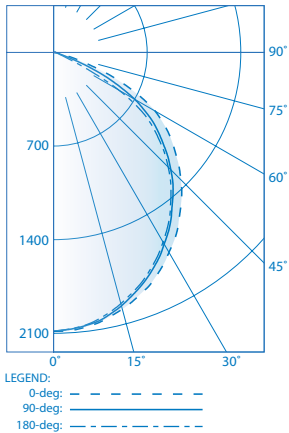
ME340NLG & ME440NLG Multi-Med patient room luminaire 2x2

Exam function

Photometrics

ME340NLG, Exam

(3) 40W Twin Tube Fluorescent -
3300 lumens per lamp
Report No.: ITL68848
Efficiency: 48.3%



CO-EFFICIENTS OF UTILIZATION | Effective floor cavity reflectance=20%

rc rw	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	57	57	57	57	56	56	56	56	54	54	54	51	51	51	49	49	49	48	48	0
1	54	52	50	48	52	51	49	48	49	47	46	47	46	45	47	46	45	45	44	43	42
2	49	46	43	41	48	45	42	40	43	41	39	42	40	38	40	39	38	40	39	38	37
3	45	41	37	35	44	40	37	34	39	36	34	37	35	33	36	34	33	36	34	33	32
4	42	36	33	30	41	36	32	29	35	32	29	34	31	29	33	30	28	33	30	28	27
5	38	33	29	26	38	32	28	26	31	28	25	30	27	25	29	27	25	29	27	25	24
6	36	30	26	23	35	29	25	23	28	25	22	28	25	22	27	24	22	27	24	22	21
7	33	27	23	20	32	27	23	20	26	22	20	25	22	20	25	22	20	25	22	20	19
8	31	25	21	18	30	24	21	18	24	20	18	23	20	18	23	20	18	23	20	18	17
9	29	23	19	16	28	22	19	16	22	19	16	21	18	16	21	18	16	21	18	16	15
10	27	21	17	15	26	21	17	15	20	17	15	20	17	15	19	17	15	19	17	15	14

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0°	45°	90°	135°	180°
0°	2084	2084	2084	2084	2084
5°	2077	2071	2066	2067	2063
15°	1986	1976	1960	1948	1943
25°	1831	1810	1771	1760	1753
35°	1612	1569	1526	1504	1508
45°	1341	1280	1234	1204	1207
55°	1044	967	902	856	845
65°	609	534	421	258	161
75°	97	76	30	25	21
85°	6	4	3	3	2
90°	0	0	0	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	1570	15.9	32.8
0-40	2532	25.6	53.0
0-60	4306	43.5	90.1
0-90	4782	48.3	100.0
90-120	0	0.0	0.0
0-180	4782	48.3	100.0

