

# MD2G2BX

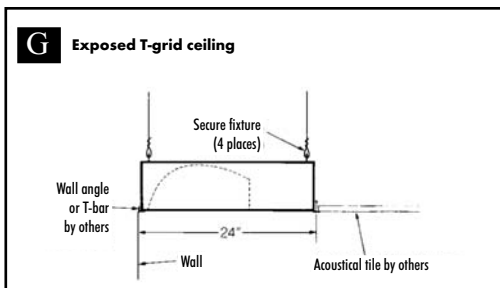
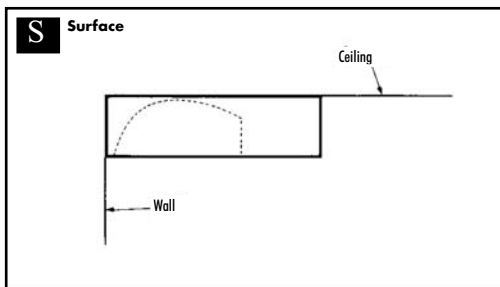
## MD\*4

### 2'X2' RECESED OR SURFACE MULTI-FUNCTION PATIENT LIGHTING

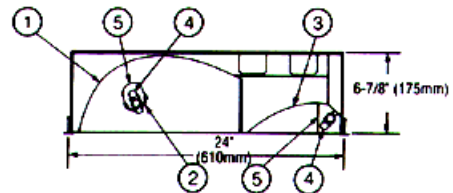
- Three lighting functions with integral ambient, reading and optional nurses night light.
- Precise light control for glare free patient environment.
- Installs as a one-piece unit.
- Recessed or surface mounted to ceiling against wall directly behind patient which eliminates damage to fixture from hospital equipment attached to patient's bed.
- 6 7/8" deep.
- All lamps are enclosed.
- All T5 lamps are accessible for relamping without tools.
- Optional low voltage electronic sequential switch mounted in fixture for ambient and reading light controlled with pillow speaker (optional by others).



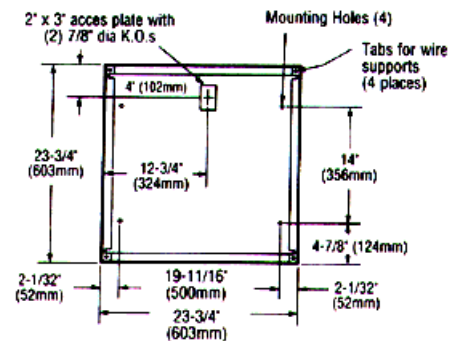
## MOUNTING METHODS/FEATURES



## DIMENSIONS



1. Reading light with low iridescence anodized semi-specular aluminum reflector.
2. Extruded aluminum lamp baffle.
3. Ambient light with low iridescence anodized specular aluminum reflector.
4. Biax type lamps.
5. Clear acrylic lens.



FIXTURE TYPE

VOLTS

JOB INFORMATION:

**CFI FLUORESCENT**

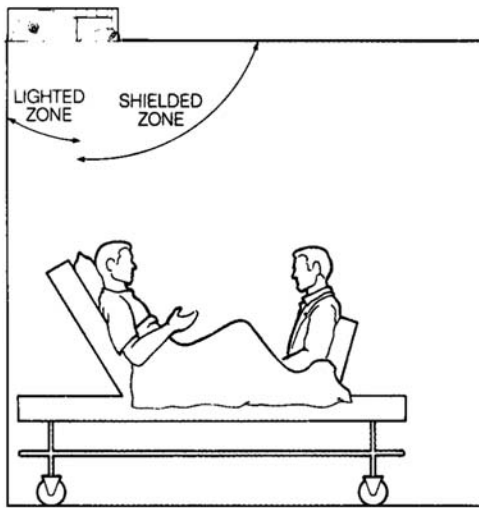
### AMBIENT LIGHT

Indirect illumination from wall directly behind patient glare-free lighting.

No direct glare to patient. (Light is directed towards wall.)

No direct glare to patient's visitor.

No direct glare to adjacent patients. (3 candles maximum on wall behind adjacent patients bed.)



AMBIENT LIGHT ON				FOOTCANDLES ON WALL				ADJACENT MD*4 OFF			
45	110	140	110	45	14	4	2	1	1	1	1
44	83	95	83	44	19	7	3	2	2	1	1
30	45	50	45	30	16	8	4	3	3	2	1
16	20	22	20	16	11	7	4	3	3	2	1
7	9	9	7	4	3	2	2	1	1		
3			3	2	2	1					
				1	2	1	1				

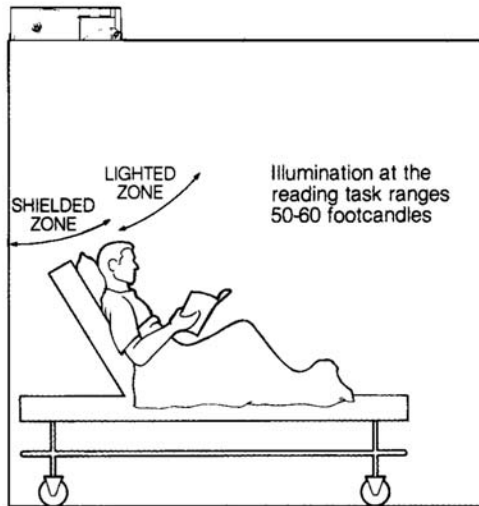
### READING LIGHT

Eliminates reflected glare from reading material (over shoulder illumination).

No direct glare to patient or visitors. (7 Footcandles maximum at head of bed. 15 footcandles maximum at foot of bed.)

Controls light directly onto patient's bed.

No reading light spill-over to adjacent beds. (2 footcandles maximum at head of adjacent patient's bed.)



READING LIGHT ON				FOOTCANDLES ON BEDS				ADJACENT MD*4 OFF			
				WALL							
3"											
6"	2	2	2	2	2	1	1	1	1	1	1
	3	3	3	3	2	2	2	1	1	1	1
	6	7	7	6	4	3	3	2	2	1	1
	33	38	39	33	23	16	12	9	5	3	2
	30	38	38	30	23	15	12	8	6	3	2
	14	15	15	14	11	9	7	5	4	2	2
	5	5	5	5	5	4	4	2	2	1	1
BED				BED				BED			

Illumination at the reading task ranges 50-60 footcandles

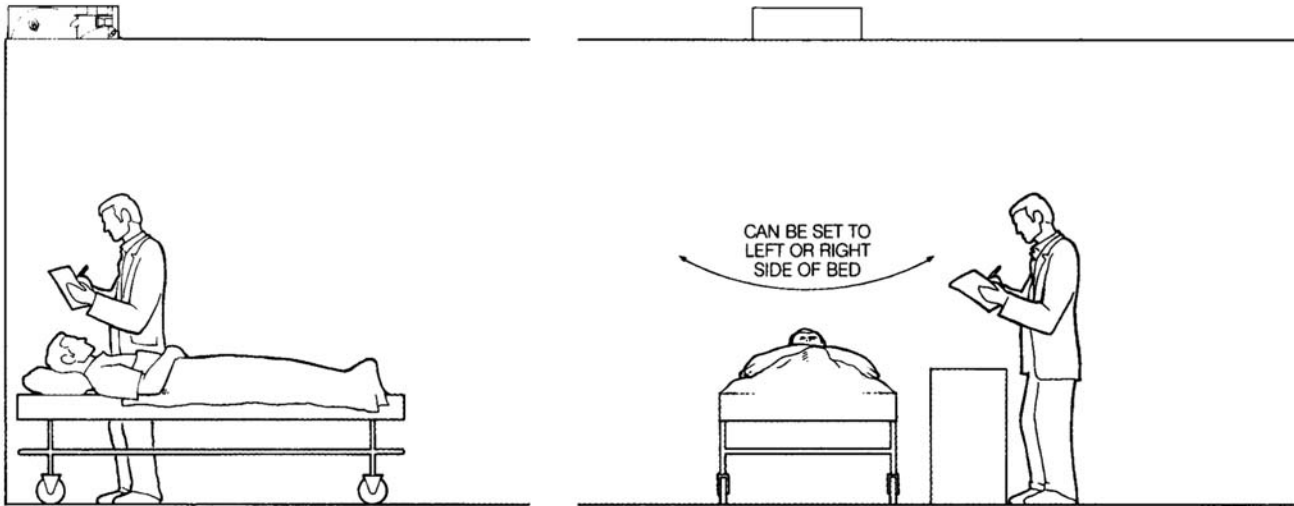
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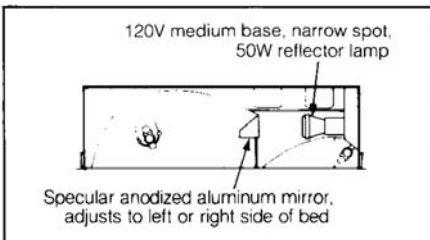
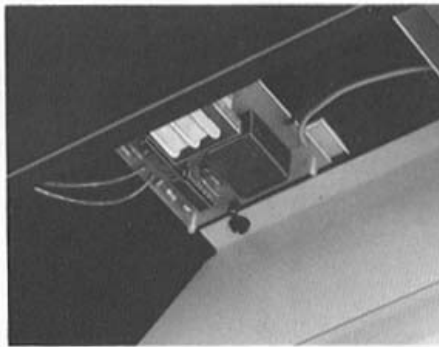
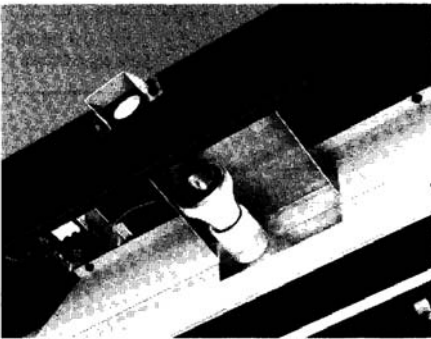
### MULTI-FUNCTION PATIENT LIGHTING

#### NIGHT LIGHT (Optional)

Indirect 9 or 7 watt Compact Fluorescent Twin Tube lamp shielded by perforated mesh with internal white acrylic overlay.  
No glare to any patient.  
Wired for independent switching.



#### OPTIONS



**Nurses night light**

#### Sequential switch (SW)

MD\*4's optional low voltage (1-3 volts ) sequential switch mounted in the fixture is listed in compliance with UL 544 for medical and dental equipment. Two red wires coming from the fixture can be wired to a wall receptacle (by others) for use with that manufacturer's pillow speaker. The pillow speaker is used to control the television, call the nurse and control the lighting. To control the lighting it should be specified to have a normally opened contact switch. Pressing this switch on the pillow speaker the first time, turns the ambient light on; pressed a second time, turns the reading light on and the ambient light light off; pressed a third time, turns both the reading and the ambient lights on, pressed a fourth time turns both lights off. Pressing the button again repeats the cycle. Should the patient's bed be rolled away from the wall, the pillow speaker will simply pull free from the wall receptacle avoiding any damage.

#### Pillow speaker (by others)

### ORDERING INFORMATION Explanation of Catalogue Number Example: MD2G2BX120SW

MD	2	G	2	BX	120	SW
<b>MD - 4</b> Recessed or Surface, Multi-function Patient Light	<b>FIXTURE SIZE</b> 2' X 2'	<b>CEILING TYPE</b> Same Unit May Be Used For: Grid (lay-in), T-bar or Surface Mounted	<b>LAMP QUANTITY</b> (Ambient/ Reading) 2 Lamps (Total)	<b>BALLAST TYPE</b> (Ambient Reading)  <b>BX</b> = TTS (40 watt) <b>SB</b> = Electronic Bix Type	<b>VOLTAGE</b> 120, 277† or 347†	<b>OPTIONS</b>  <b>SW</b> = Sequential Switch <b>NL</b> = Nurses Night Light <b>F</b> = Internal Fusing <b>R</b> = Radio Interference Filter

† Consult Factory for 277 or 347 volt.

#### OPTIONS/ACCESSORIES

**DRYWALL OR PLASTER CEILING:** Order Catalog Number: **FK92X2**.

(See FOLIO TD-0200-02-R1.)

**ELECTRONIC SEQUENTIAL SWITCH** (Low Voltage): Switch factory mounted in fixture for ambient and reading light convergence (controlled by pillow switch, by others). SUFFIX: **SW**.

**NURSES NIGHT LIGHT:** 120 volt medium base, narrow spot, 50W reflector lamp with specular anodized mirror, field adjustable to right or left side of patients bed SUFFIX **NL**

**ELECTRICAL/WIRING OPTIONS:** Consult factory.

#### SPECIFICATIONS

**MATERIALS:** Chassis parts are die-formed 20 gauge steel.

**Reading light** - Extruded aluminum lamp baffle with clear extruded acrylic lens shields lamp and is removable without tools.

**Ambient light** - Clear acrylic lens that rotates open for easy relamping.

**REFLECTORS:** (Ambient and Reading Lights): Low Iridescence specular pre-anodized aluminum is standard.

**FINISH: Chassis exterior** — white baked acrylic enamel.

**ELECTRICAL:** Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

**LABELS:** I.B.E.W. Listed by Underwriters Laboratories.

We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

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CANLYTE

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