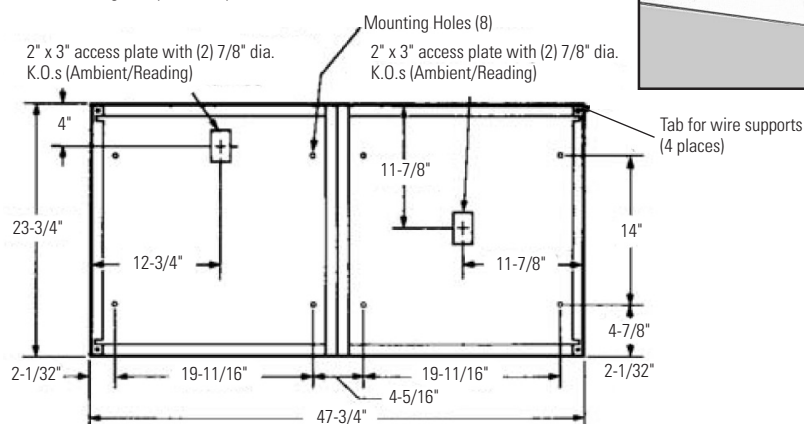
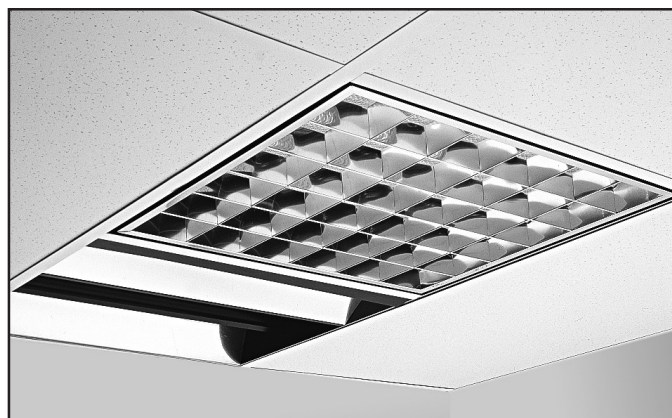


1. Reading light with low iridescence anodized specular aluminum reflector.
2. Extruded aluminum lamp baffle.
3. Ambient light with low iridescence anodized specular aluminum reflector.
4. Examination light with specular 36 cell aluminum louver with virgin acrylic overlay (illustrated).
5. TT5 type lamps (6).
6. Clear acrylic lens.
7. Prismatic virgin acrylic overlay.



### Ordering information

Explanation of Catalog Number. Example: **MD4GPSVA2BX4BK120SW**

MD	4	G	PS	VA	2	BX	4	BX	120	SW
MD*4	Fixture Size	Ceiling Type	Louver/ Lens Frame	Louver Overlay	Lamp Quantity	Ballast Type	Lamp Quantity	Ballast Type	Voltage	Options
Recessed or Surface, Multi-function Patient Light	2' x 4'	Same unit may be used for Grid (lay-in), T-bar or Surface Mounted	PS = Low iridescence Specular Louver	VA = Virgin Acrylic .095" Nominal Thickness Overlay (standard)	(Ambient Reading) 2 Lamps (Total)	(Ambient Reading) BX = TT5 Type (40 watt) SB = Electronic TT5 Type	4	(Examination) BX = TT5 Type (40 watt) SB = Electronic TT5 Type	120 277† 347†	SW = Sequential Switch LD = Nurse's LED Night Light F = Internal Fusing R = Radio Interference Filter

†Consult Factory For 277 or 347 volt.

### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

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### Features

- Four lighting functions with integral ambient, reading and optional nurse's 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 Type 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)

### Specifications

**Materials:** Chassis parts are die-formed 20 gauge steel. Louver: (Examination Light): Pre-anodized aluminum Coilzak® or equal.

**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:** Cavity (Examination Light)–White baked acrylic enamel, minimum reflectance 86%. Phosphate undercoating. Chassis exterior-White baked acrylic enamel.

Louver: (Examination Light): PS=low iridescence specular pre-anodized aluminum. Comes with a virgin acrylic overlay to enclose all lamps. VA=.095" nomi-nalthickness prismatic virgin acrylic overlay.

**Electrical:** Rapid start HPF, BX (Biax Type) thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

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

### Options/Accessories

**Access Plates:** Top wiring access plate is shipped with fixture as standard. When access dates are required in advance for wiring convenience, specify separately. Catalog Number: **ACP**.

**Drywall or Plaster Ceiling:** Order Catalog Number: **FK92X4**. (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**.

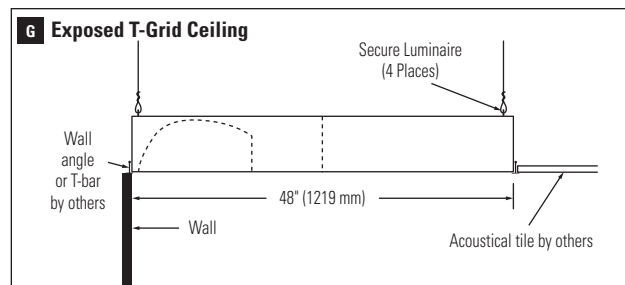
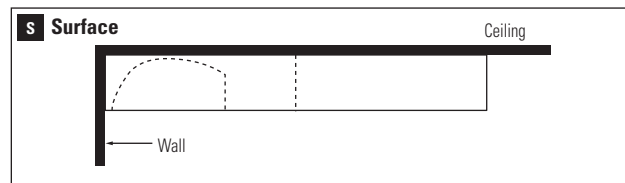
**Nurses Night Light:** 120V, 3W, cool white LED (50,000 hours life. Available as an option for MD\*4 Series only. Suffix: **LD**.

**Fusing:** SUFFIX: **F**.

**Radio Interference Filter:** 120, 277 or 347 volt, 50 or 60 Hz One per fixture standard SUFFIX **R**.

**Electrical/Wiring Options:** Consult factory.

### Mounting Methods/Features



### Job Information

### Type:

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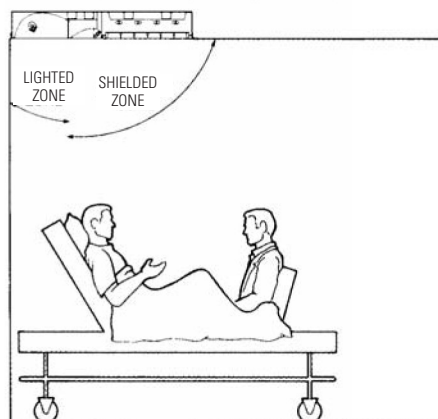
## AMBIENT LIGHT

**AMBIENT LIGHT**  
Indirect illumination from wall directly behind patient provides 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 footcandles maximum on wall behind adjacent patient's bed.)



Behind adjacent patient's bed:										MD*4	
AMBIENT LIGHT				FOOTCANDLES ON WALL				OFF			
ON											
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

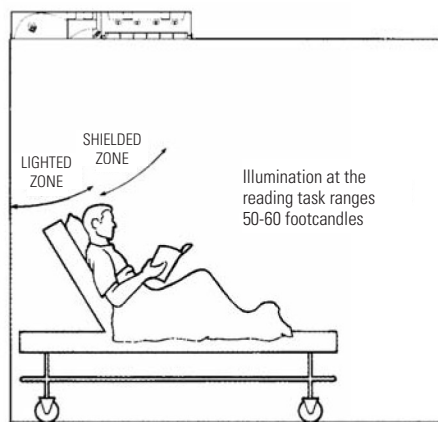
## READING LIGHT

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.)



at head of adjacent patient's bed.)

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

BED

BED

Illumination at the reading task ranges 50-60 footcandles

ILLUMINATION at the reading task ranges 50-60 footcandles

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## Type:

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**EXAMINATION LIGHT**

Excellent Color rendition. (82 CRI TT5 Type lamp.)  
Wired for independent switching (1 or 2 circuit).  
Optional louver or lens frames.  
Concealed hinging and latching.

3" 6" 12" TYP

WALL

**FOOTCANDLES ON BED (with Speculat Louver)**  
(Totals of ambient, reading and examination lights)

70 (11)	82 (12)	82 (15)	102 (45)	100 (43)	70 (20)	48 (10)
75 (11)	82 (12)	86 (15)	107 (45)	102 (43)	72 (20)	48 (10)
70 (11)	82 (12)	82 (15)	102 (45)	100 (43)	70 (20)	48 (10)

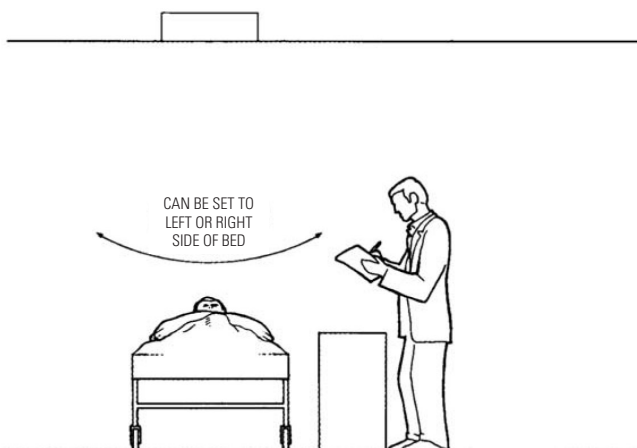
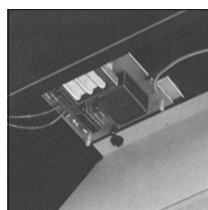
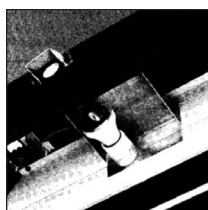
12"

BED

Numbers in parenthesis ( ) are total footcandle level of ambient and reading lights only.

**NURSE'S NIGHT LIGHT (Optional)**

Lights night stand between beds.  
Field adjustable for either right or left side of patient's bed.  
No glare to any patient.  
Wired for independent switching.

**Options**

Sequential switch (SW)



Pillow speaker (by others)



Nurse's LED night light

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 open 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 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.

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