

# MD\*Coffer 2' x 4' Recessed or Surface **MDCGWSVA2SB4SB**

Page 1 of 4

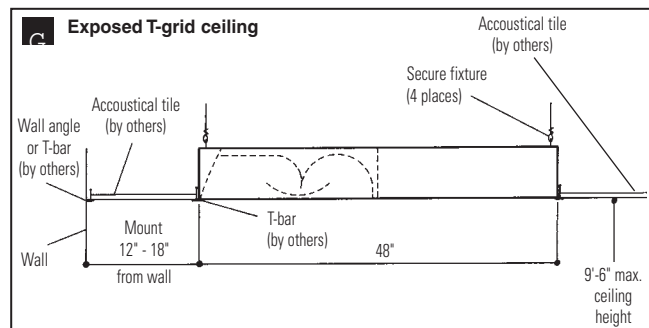
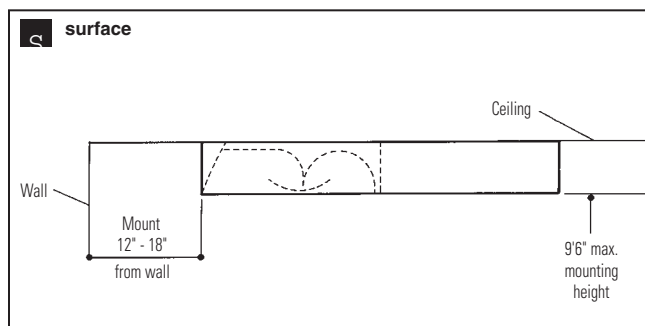
Multi-Function Patient Lighting  
Indirect Ambient Light with Perforated Mesh Shield

## Features

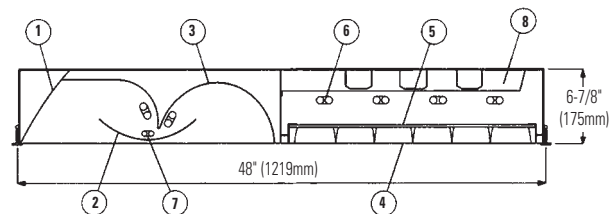
- Four integral lighting functions: indirect ambient, direct reading, examination and optional night light.
- Precise light control for glare free patient environment.
- Installs as a one-piece unit.
- Recessed or surface mounted to ceiling which eliminates damage to fixture from hospital equipment attached to bed.
- 6-7/8" deep.
- All lamps are shielded.
- All twin tube T5 lamps are accessible for relamping without tools.
- All ballasts accessible thru louver compartment.
- Optional low voltage electronic sequential switch mounted in fixture for ambient and reading light controlled with pillow speaker (optional by others).
- Optional night light.
- Meets NYC Code requirements. Chicago Plenum requirements available.



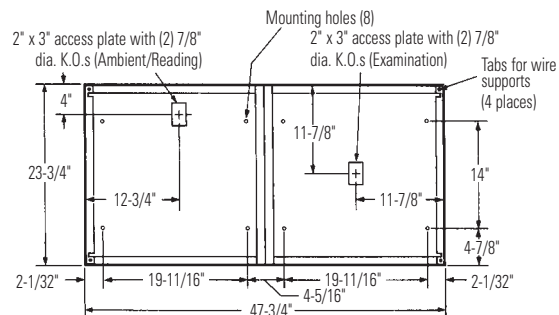
## Mounting Methods



## Dimensions



1. Reading light with low iridescence anodized semi-specular aluminum reflector.
2. Perforated mesh lamp shield with white acrylic overlay.
3. Ambient light with flat white reflector (flat white interior).
4. Examination light with 36 (6x6) cell flat white baked enamel louver.
5. Prismatic virgin acrylic overlay.
6. Twin tube T5 lamps (6).
7. Optional night light 7/9 watt PL.
8. Ballast compartment accessible by opening louver and reflector.



## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Volts/Ballast:**

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

© 2007 a Genlyte company

Section 8/Folio R40-21 Rev. A



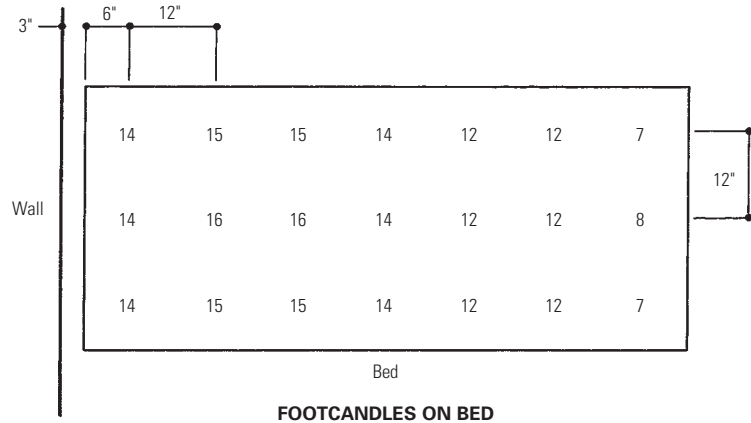
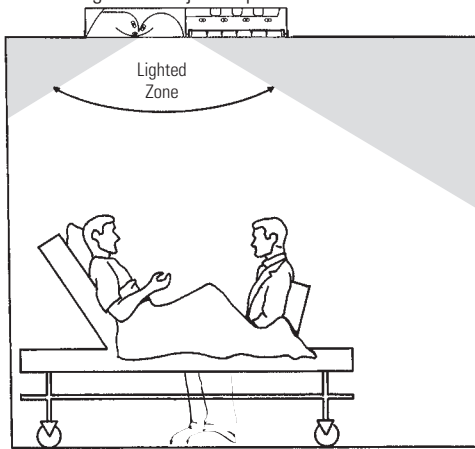
### Ambient Light

Indirect illumination from twin tube T5 shielded by perforated mesh shield with white acrylic overlay.

No direct glare to patient.

No direct glare to patient's visitor.

No direct glare to adjacent patients.

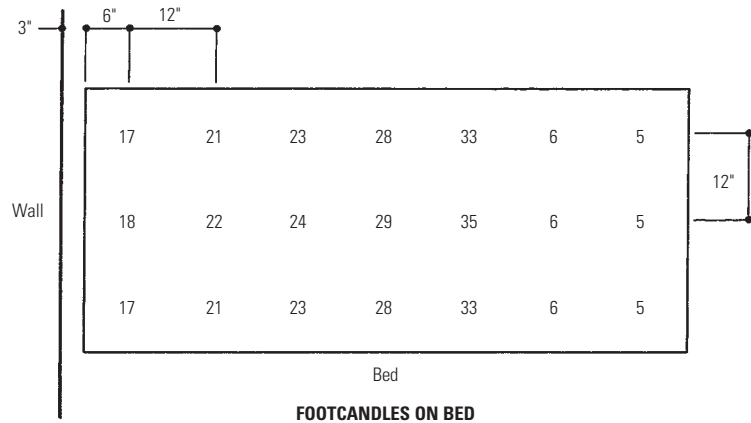
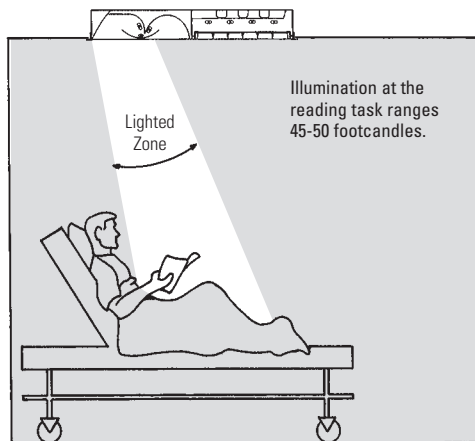


### Reading Light

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

No direct glare to patient or visitors.

Controls light directly onto patient's bed.



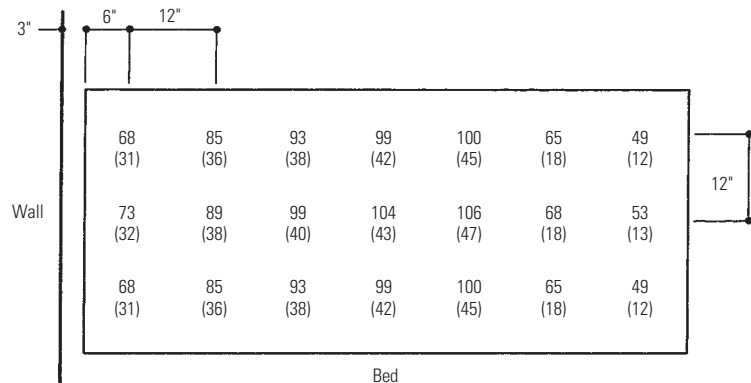
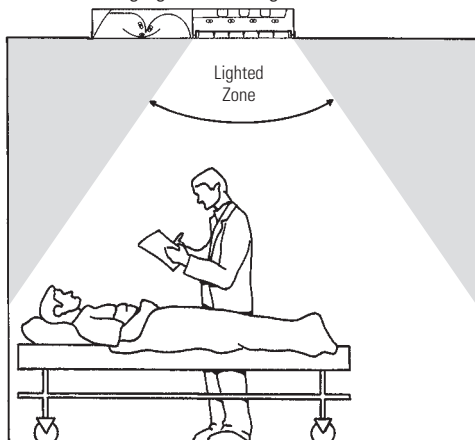
### Examination Light

Excellent color rendition.

Wired for independent switching (1 or 2 circuit).

Optional louver or lens frame.

Concealed hinging and latching.



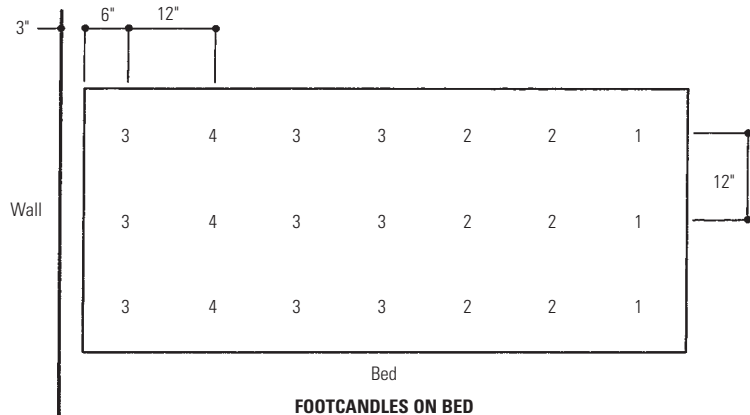
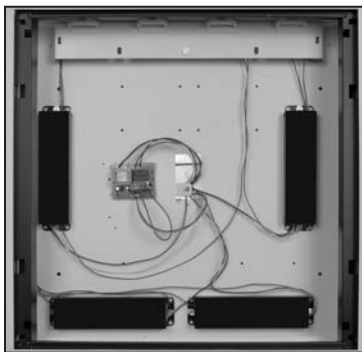
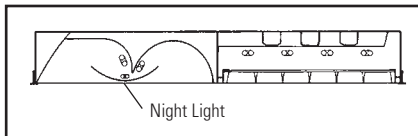
#### FOOTCANDLES ON BED

Totals of ambient, reading and examination lights.

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



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

A white remote control with a coiled cable. The remote has a large power button on the right side, which is pointed to by an arrow and labeled "BUTTON". There are also several smaller buttons and a dial on the front of the remote.

MD•Coffer'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.

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.

**Germ Shield:** Ideal for psychiatric wards and germ free environments. Fits lay-in grid ceiling systems with 15/16" maximum ceiling tee face. The heavy duty welded extruded aluminum frame with clear 1/8" thick polycarbonate lens is fixture to ceiling system sealed with a heavy duty gasket. Request Folio R40-15 REV. A.



**Tamper Resistant/Germ Shield**



# MD\*Coffer 2' x 4' Recessed or Surface MDCGWSVA2SB4SB

Page 4 of 4

Multi-Function Patient Lighting  
Indirect Ambient Light with Perforated Mesh Shield

## ORDERING INFORMATION

Explanation of Catalog Number. Example: MDCGWSVA2SB4SB120SW

MDC	G			2					
<b>MD*C</b> Indirect/ Direct Recessed or Surface, Multi-function Patient Light with Perforated Mesh Shield	<b>Ceiling Type:</b> Same Unit May Be Used For: Grid (lay-in) Or: Surface Mounted	<b>Louver/ Lens Frame:</b> <b>WS</b> = White Louver <b>RF</b> = Regressed Floating Extruded Aluminum Door Frame	<b>Louver Overlay/Lens:</b> <b>VA</b> = Virgin Acrylic .095" Nominal Thickness Overlay (standard) <b>VI</b> = .125" Thick Pattern 12 Acrylic Lens.	<b>Lamp Quantity:</b> (Ambient/ Reading) 2 Lamps (Total)		<b>Lamp Quantity</b> <b>3</b> = 3 Lamp <b>4</b> = 4 Lamp		<b>Voltage:</b> 120 or 277	<b>Options:</b> Add appropriate Suffix to Catalog No. i.e. (GLR)
					<b>Ballast Type:</b> (Ambient Reading)		<b>Ballast Type:</b> (Examination)		
					<20THD	<10THD	<20THD	<10THD	
				1-2 Lamp Elec. TT5 (40 Watt)	<b>SB*</b>	<b>IB*</b>	1-3 Lamp Elec. TT5 2-2 Lamp Elec. TT5 2-2 Lamp Elec. TT5 (40 Watt)	<b>X3*</b> <b>SB*</b>	<b>I3*</b> <b>IB*</b> <b>PR**</b>
				1-2 Lamp Elec. TT5 (40 Watt)	—	<b>PR**</b>		—	
				L.O.L Dimming TT5	<b>PB</b>	—	L.O.L Dimming TT5	<b>PB</b>	—
				*Instant Start Standard **Program Start			*Instant Start Standard **Program Start		
				<b>NOTE:</b> For TT5 <b>UNV</b> , you must use <b>IB</b> Ballast Code			<b>NOTE:</b> For TT5 <b>UNV</b> , you must use <b>IB</b> Ballast Code		

## Options/Accessories

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

**Drywall Kit:** Order Catalog Number: **FK92X4**.  
Request Folio **OA30-10 Rev. A**.

**Electronic Sequential Switch** (Low Voltage): Switch factory mounted in fixture for ambient and reading light convenience (controlled by pillow switch, by others). Suffix: **SW**.

**Individual Switching** (Low Voltage): Switches mounted to patient's bed for use with manufacturer's control system (such as Hill-Rom Side Com). Suffix: **DP**.

**9/7 Watt Night Light:** Suffix: **PL** (Lamp not included).

**Fusing:** Internal fast-blow fusing. Suffix: **GLR**.

Internal slow-blow fusing. Suffix: **GMF**.

**Radio Interference Filter:** To order one RIF per fixture; Suffix: **R**. To order one RIF per ballast; Suffix: **B**.

**Germ Shield.** Order Catalog Number: **MD4CLGS24**.

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

## Specifications:

**Materials:** Chassis parts are die-formed 20 gauge steel. Louver (examination light) — aluminum post painted white acrylic.

**Reading light** — low iridescence anodized 95% reflective, semi-specular reflector.

**Ambient light** — flat white acrylic contoured steel reflector and perforated steel mesh shield with white acrylic overlay.

**Finish:** Cavity (examination/reading/ambient lights) — flat white acrylic interior, minimum reflectance 86%. Phosphate undercoating. Chassis exterior — post painted white baked polyester powder. Louver (examination light) **W**=flat white baked enamel 36 cell louver with a virgin acrylic overlay to enclose all lamps. **VA**=.095" nominal thickness prismatic virgin acrylic overlay. **VI**=.125" nominal thickness, pattern 12 acrylic lens.

**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°.

## Specifications (continued):

**Labels:** I.B.E.W. UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org)

## Job Information

## Type:

**Lightolier** a Genlyte company

[www.lightolier.com](http://www.lightolier.com)

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

© 2007 a Genlyte company

**Section 8/Folio R40-21 Rev. A**

**LIGHTOLIER®**