



Available for: (find your application below)

HEALTHCARE

C3 Lighting has developed a state-of-the-art LED Over Bed Fixture for the “Patient Room of the Future”. Our unique design provides varying intensities of illumination for exam, reading, and ambient applications. Asymmetric lenses on the outside edges of the fixture focus high intensity light on the patient for exam purposes. Our Remote Power and Control Technology allows for inherently-safe Class II wiring and digital control from our Digital Touchpad Switches and/or pillow speaker controls (by others), as well as wirelessly from iPhones or iPads.

This is the only Over Bed Fixture that provides optimal light for the hospital staff and physicians while providing safe illumination for the patient.



Example of part number:

SL **5** **5** **4** - **012** - **048** - **00** - **WA** - **2** - **S** = **SL 554-012-048-00-WA-2-S**

HEALTHCARE

SPECIFICATIONS

HOUSING: Extruded Aluminum Sides and Aluminum Backplate. Flange units are provided with ceiling trim.

LENS: 1/8” White Acrylic Lens and 1/8” Asymmetric Acrylic Lens.

EXAM ILLUMINATION: Selectable - 3,000K, 3,500K, 4,200K, 5,000K or 6,000K.

ELECTRICAL: Aluminum J-Box with current limiter provided for Class 1 power. J-Box is optional for Class 2 power.

FINISH: Agion Antimicrobial White Powder Coat.

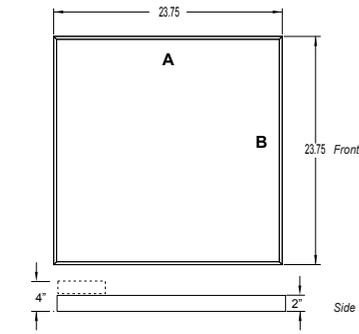
WARRANTY: Refer to www.c3lighting.com/warranty.html

SL	COLOR TEMPERATURE (AMBIENT/READING/EXAM)	# OF LEDs	SIZE	MOUNTING	FINISH	J-BOX	OPTIONS
	9	4	024 - 048	00	WA	1	X
1	3,000K	2 (*11716 lumens)	024-048	00	WA	1	X
2	3,500K	3 (*17574 lumens)		01		C	
3	4,200K	4 (*23432 lumens)		02		3	
4	5,000K	*Lumens based on 2' x 4' fixture at 4200K in exam mode					
5	6,000K						
							S

** Class 1 power only applies to shielded or RF/EM sensitive environments

DIMENSIONS

MOUNTING

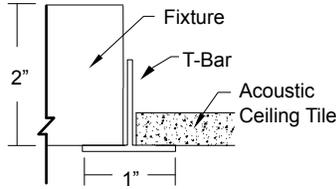


FLANGE CEILING OPENING

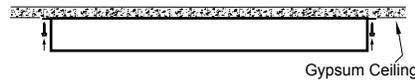
	A	B	A*	B*
6 x 48	5.75	47.75	6.25	48.25
1 x 2	11.75	23.75	12.25	24.25
1 x 4	11.75	47.75	12.25	48.25
2 x 2	23.75	23.75	24.25	24.25
2 x 4	23.75	47.75	24.25	48.25

All measurements shown in Inches
 * With Flange
 * Indoor Use Only

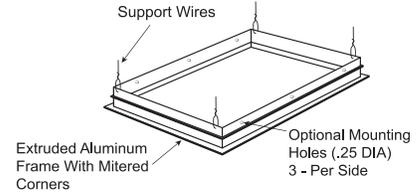
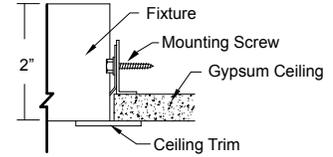
00 - GRID LAY IN



01 - INTEGRAL FLANGE-SURFACE MOUNT



MOUNTING ACCESSORY - HARD LID GRID ADAPTER KIT (SOLD SEPARATELY)



Ordering Information:
 2x2 = Grid Adapter kit-2x2
 2x4 = Grid Adapter kit-2x4

Electrical (Based on 1 LED per sq. inch)

Note: Does not include a DC Power Supply!

LED 90K Hour Life
 Draw (Exam-2LEDs):
 24VDC, 15.36A, 184.32W (2' X 4'), +/- 10%

Diffuser/Lens

1/8" Translucent White PMMA Acrylic Diffuser

Accessories (Sold Separately)

- **Power Distribution:** Helius 24VDC Remote Power Distribution Module (See Power & Controls)
- **Hard Lid Grid Adapter Kit:** Specify fixtures for ceiling grid mount. One kit required per fixture, 2'x2' and 2'x4' only.

Controls (If Dimmable)

DMX switch(es) by C3 or DMX control(s) by others (512a DMX Protocol only)
 (See Power & Controls)

Sealed (Optional)

- NSF Listed Silicone Seal
- NSF Listed Closed Cell Foam Gasket provided when specified with flush mount flange.
- IP66 Rated

Warranty Information

Refer to www.c3lighting.com/warranty.html

Certification & Compliance



Intertek

- Standard for Safety for Low Voltage Lighting Systems, **UL 2108** First Ed., Feb. 27, 2004
- Standard for Safety for Light Emitting Diode Equipment for Use in Lighting Products, **UL 8750**
- Standard for General Requirements for Luminaires **CSA C22.2** No. 9.0-96, July 1998

Finish

Agion® Antimicrobial protection using silver technology inhibits bacterial colonization on interior and exterior surfaces. Agion® antimicrobial FDA is recognized and EPA registered, meeting all applicable EPA standards.



PHOTOMETRIC DISTRIBUTION

All results in accordance to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

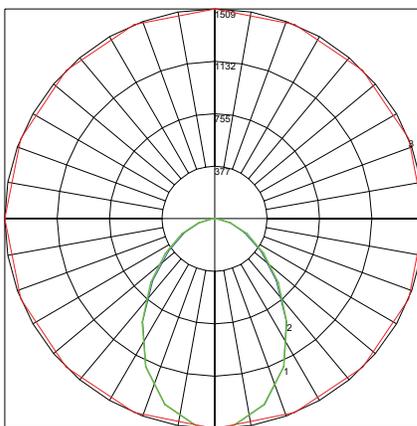
FIXTURE DATA

Dimensions	23.75"x23.75"x2"
Lamp	LED
Fixture Lumens	
Watts	
Mounting	
Correlated Color Temp	

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	000	000	000
0-40	000	000	000
0-60	000	000	000
0-90	000	000	000
0-180	000	000	000

024-024



Maximum Candela = 1509 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
 # 2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN
 # 3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED

COEFFICIENTS OF UTILIZATION

RC	80				
	RW	70	50	30	10
0	119	119	119	119	119
1	109	104	99	95	95
2	99	90	84	78	78
3	90	79	71	65	65
4	82	70	61	55	55
5	76	63	54	47	47
6	70	56	47	41	41
7	65	51	42	36	36
8	60	46	38	32	32
9	56	42	34	28	28
10	52	39	31	26	26

LUMINANCE DATA

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2564	2650	2580
55	2049	2169	2079
65	1633	1756	1667
75	1249	1361	1272
85	729	762	762

All results in accordance to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

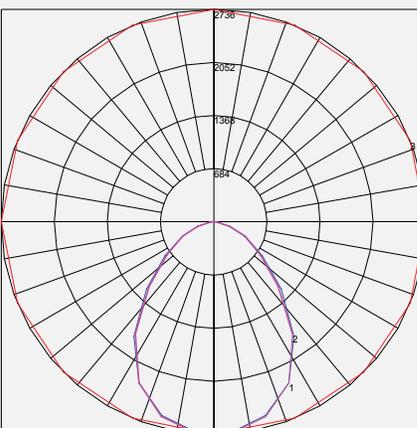
FIXTURE DATA

Dimensions	23.75" x 47.75" x 2"
Lamp	LED
Fixture Lumens	
Watts	
Mounting	
Correlated Color Temp	

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	000	000	000
0-40	000	000	000
0-60	000	000	000
0-90	000	000	000
0-180	000	000	000

024-048



Maximum Candela = 2736 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
 # 3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED

COEFFICIENTS OF UTILIZATION

RC	80				
	RW	70	50	30	10
0	119	119	119	119	119
1	109	104	99	95	95
2	99	90	84	78	78
3	90	79	71	65	65
4	82	70	61	55	55
5	76	63	54	47	47
6	70	56	47	41	41
7	65	51	42	36	36
8	60	46	38	32	32
9	56	42	34	28	28
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LUMINANCE DATA

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2564	2650	2580
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All results in accordance to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

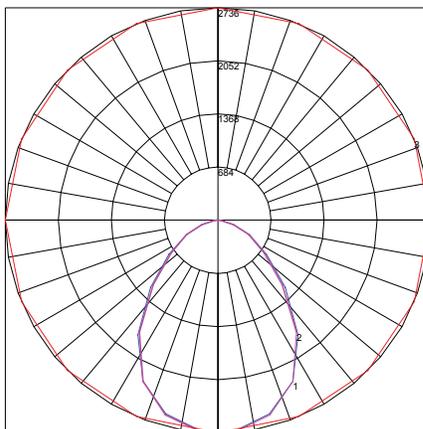
FIXTURE DATA

Dimensions	11.75" x 47.75" x 2"
Lamp	LED
Fixture Lumens	
Watts	
Mounting	
Correlated Color Temp	

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	000	000	000
0-40	000	000	000
0-60	000	000	000
0-90	000	000	000
0-180	000	000	000

012-048



Maximum Candela = 2736 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
 # 3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED

COEFFICIENTS OF UTILIZATION

RC	80				
	RW	70	50	30	10
0	119	119	119	119	119
1	109	104	99	95	95
2	99	90	84	78	78
3	90	79	71	65	65
4	82	70	61	55	55
5	76	63	54	47	47
6	70	56	47	41	41
7	65	51	42	36	36
8	60	46	38	32	32
9	56	42	34	28	28
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LUMINANCE DATA

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