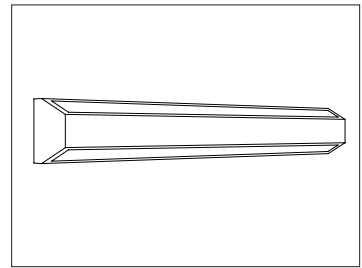


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

48" 4 Biax 40 WATT MAXIMUM

WV04867

Psychiatric Rooms: Vandal Resistant Direct / Indirect Reading Light



Features

Lamps

- Designed for: 4-40 watt horizontal Biax; two up, two down.
- 90% lumen output maintained at ballast minimum operating temperature.
- Flicker-free starting, high light output.
- Long 10,000 hour life.
- High efficiency with low operating costs.
- See Option -43 for lower wattage.

Ballast

- Regulating electronic high power factor, thermally protected, encased.
- Minimum starting temperature -5° to -10°C (14°-23°F). See Options for cold weather.
- With built-in end of lamp life protection.
- Built-in RIF filter. THD is less than 10%.
- 120 volt standard or see optional voltages.
- Dimming optional. See Option -39.
- Single circuit wiring. See -84 for two-circuit.

Fuse

- Available as Option -FS (single) or -FD (double).

Reflector

- Full size formed specular reflector with minimum 94% reflectivity.
- Removable for servicing.

Lens

- High strength .187" acrylic prismatic standard up and down.
- Retained by non-accessible steel angles through-bolted to interior of housing assembly.
- Polycarbonate overlay (1/4" thickness) available. See Option -13.

Housing

- Super strong 6063-T6 tempered extruded aluminum front and sides.
- End plates of .750" cast 356-T6 alloy aluminum, are internally mig welded to front and side extrusions.
- White polyester enamel finish.
- All exposed edges rounded for greater safety.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

Installation

- Indoor or outdoor on all walls, covered locations.
- Access hole is 7/8" dia, six 1/2" x 1-5/8" slotted mounting holes.
- Secure with 3/8" lag or molly bolts to ceiling and/or wall structure.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.

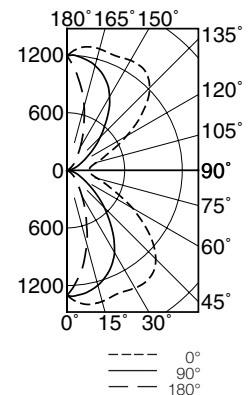
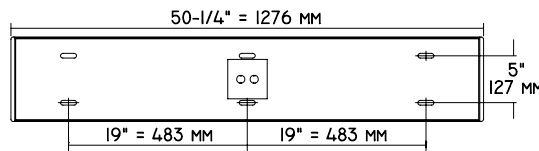
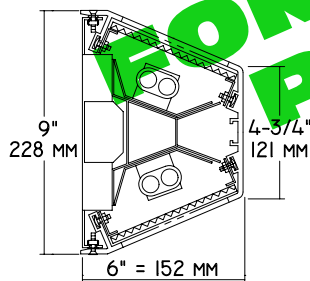
Three Year Limited Warranty

- Complete standard fixture.

48" Wall Mount
Vandal Resistant
Direct / Indirect

Performance at a Glance

WV04867



EFFICIENCY: 42.0%

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

HEALTHCARE FACILITY
& PATIENT LIGHTING

MAXIMUM WATTAGE

4 Biax 40

CATALOG NUMBER

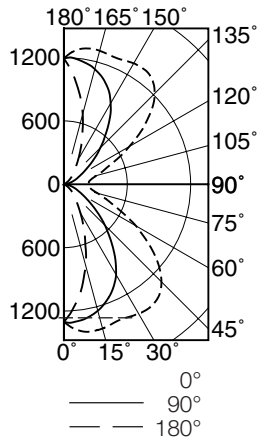
WV04867

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Detailed Photometry - Installed Fixture

Photometry from I.T.L., Boulder, CO

WV04867 (4 Biax 40)



	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	1303	1303	1303	1303	1303
10	1417	1392	1282	1080	987
30	1415	1298	988	431	311
50	1164	1015	416	126	85
70	439	320	113	18	0
90	238	150	0	0	0
110	412	298	102	12	0
130	1078	941	372	88	71
150	1323	1212	885	379	270
170	1306	1287	1168	957	863
180	1192	1192	1192	1192	1192

RF	COEFFICIENTS OF UTILIZATION							
	20							
	80			50				
RC	70	50	30	10	50	30	10	
RW	1	41	40	38	36	31	30	29
	2	38	35	32	30	28	26	25
	3	35	31	28	25	24	22	21
	4	32	27	24	22	22	20	18
	5	29	24	21	19	20	17	16
	6	27	22	19	16	18	15	14
	7	25	20	17	14	16	14	12
	8	23	18	15	13	15	12	11
	9	22	17	13	11	14	11	10
	10	20	15	12	10	13	10	9

EFFICIENCY : 42.0%

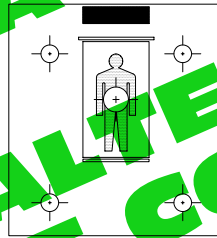
ITL TEST #41197

Patient Room Lighting Requirements are Surpassed by Kirlin

Recommended Standards for Patient Room Lighting by IESNA "Lighting for Hospital and Healthcare Facilities":

Reading Light 20-50 fc on Task

Reading Light
fc on Task (1' x 2' area)
(1 luminaire/bed)



WV04867 52 fc
4-40W Biax

14' x 13' x 9'H room
size represented.

Options

- 39 Installed 32-watt electronic dimming ballast. Consult factory for Options -97, -98. Also see Option -LE. Indoor use.
- 43 Lower wattage: 4 or 2 T-8 32 watt.
- 48 Night light socket and ballast for 7 watt fluorescent lamp.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack. Specify voltage. Controls one lamp. Indoor use.
- 84 Fixture wired for two circuits, two up, two down. Also see Option -FD.
- 94 Custom color trim assembly. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 99 Special modification. Consult factory.
- FD Double fused primary. One per circuit. Use with Option-84.
- FS Fused. One per fixture. Replaceable.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME
TYPE
WATTAGE VOLTAGE
CATALOG NUMBER

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE CONSULT FACTORY

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at the option will replace or repair each fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the office of manufacturer within three years of original shipment. Liability of manufacturer is limited to the foregoing, and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied in the box in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.