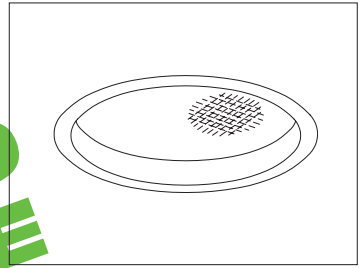


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

7" 2 Twin 13 WATT MAXIMUM

RR00759

## Medical / Surgical Patient Rooms: Recessed Round General Illumination



### Features

#### Lamps

- Designed for 4 pin base: 2 horizontal 13 watt twin.
- 90% lumen output maintained at ballast minimum temperature.
- Flicker-free starting, high light output.
- Long 10,000 hour life.
- High efficiency with low operating costs.

#### Ballast

- Thermally protected, encased HPF.
- Visible and easily serviced in all ceilings.
- Regulating electronic. Starting temperature -5° to -10°C (14°-23°F). Optional Cold Weather (-CW).
- Built-in RIF filter. THD is less than 10%.
- Single circuit wiring or see Option -84: Two circuit.
- 120V standard or see Options.

#### Fuse

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

#### Reflector

- Seamless 100% aluminum. High efficiency.

#### Trim Assembly

- Smooth seamless tapered white aluminum flare. Self-flanged trim.

- Regressed tempered prismatic low brightness, spread distribution C#73 lens.
- Torsion springs retain snug fit to ceiling.
- Optional lenses and flat trim available, see Options.

#### Housing

- Cool. Acrylic enameled 100% aluminum.
- Rustproof. Exceeds 1000 hour ASTM 5% salt spray test.
- Dissipates heat across entire surface area.
- Entire luminaire visible and serviceable from below through removable trim assembly.
- Built-in plaster frame.

#### Outlet Box

- Prewired 14 GA (NEC) galvanized steel, UL listed; with removable insulated cover.
- 1/2" and 3/4" knockouts.

#### Installation

- 27" hanger bars supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Lightweight. Recesses in any ceiling type.

#### UL C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (up to 6 #12). Supply wire rating: 90°C.

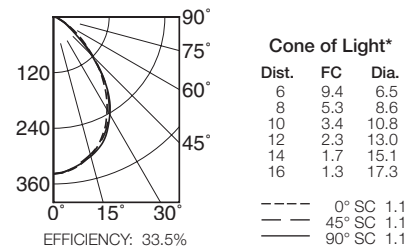
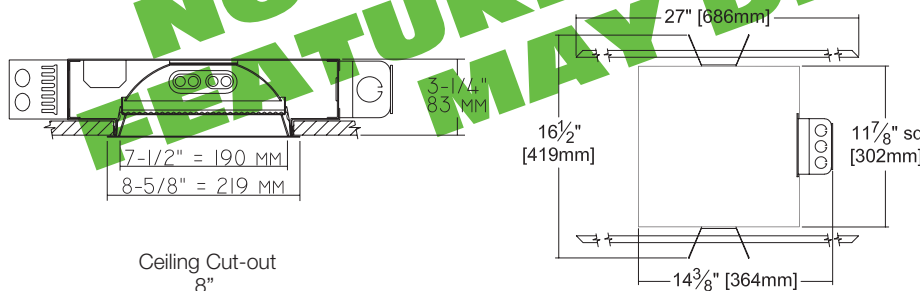
#### Three Year Limited Warranty

- Complete standard fixture.

Recessed Round  
Regressed  
Lens  
Super Shallow

### Performance at a Glance

RR00759



#### Cone of Light Key

- FC. Distance from fixture
- FC Footcandles at nadir (0°)
- Dia. Circle of light at 50% of FC

\* Dia. (in ft.) shown is where FC value is half the FC at nadir.

## 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

2 Twin 13

CATALOG NUMBER

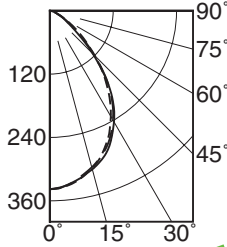
RR00759

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

RR00759 (2 Twin 13)



EFFICIENCY : 33.5%

	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	338	338	338	338	338
5	334	334	333	332	333
15	309	308	307	308	311
25	263	264	268	270	273
35	196	200	205	207	208
45	121	120	119	117	115
55	59	57	54	48	46
65	23	23	21	20	19
75	6	6	6	6	7
85	0	0	0	0	0
90	0	0	0	0	0

FC	COEFFICIENTS UTILIZATION				
	70	50	30	10	50
1	38	36	36	34	34
2	35	33	31	30	29
3	33	30	28	26	27
4	30	27	25	23	24
5	28	25	22	21	24
6	27	23	20	19	22
7	25	21	19	17	20
8	23	19	17	15	17
9	22	18	16	14	15
10	21	17	14	13	14

ITL TEST #52422

Patient Room Lighting Requirements are Surpassed by Kirlin

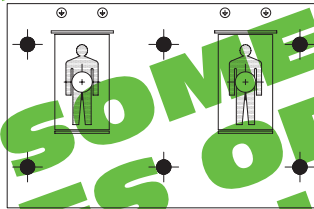
Recommended Standards for Patient Room Lighting by IESNA "Lighting for Hospital and Healthcare Facilities":

General Illumination 5-10 fc @ Work-plane 30" AFF

General Illumination

Avg. fc at Work-plane @ 30" AFF (6 luminaires)

RR00759 8 fc  
2-13W Twin tube



15' x 23' x 9'H room size represented.

Options

- 13 Clear 1/8" flat polycarbonate beneath prismatic flat C#73 lens.
- 17 3/16" prismatic high strength acrylic instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 Louver, aluminum, egg-crate. 1/2" cube. White.
- 21 White translucent flat poly instead.
- 32 Trim extender. Broadens trim flange O.D. by 1".
- 44 Black OptiGroove regressed trim assembly instead; white self-flanged. With C#73 lens or add optional lens. Also see Option -94.
- 45 Gasket between trim and ceiling.
- 46 Gasket between lens and trim.
- 73 Internal emergency "Ni-Cad" battery pack. Specify voltage. Controls one lamp. Indoor use. Note: Overall housing depth increases to 6 1/4".
- 75 Remote emergency "Ni-Cad" battery pack. Specify voltage. Consult factory for max. mounting distance. Indoor use.
- 82 Sloped ceiling adapter, with mounting hardware. Specify 5° increments up to 30°.
- 84 Fixture wired for two circuits. Also see -FD.
- 94 Custom color trim / reflector. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 99 Special modification. Consult factory.
- FD Double fused primary. Use with Option-84.
- FR Fresnel lens instead. Concentrates light.
- FS Fused. Replaceable. Aids servicing.
- FT Flat white trim with prismatic flat C#73 glass or add -13, -17, -18, -21 or -FR.
- LE With 3500°K electronic lamp. 82 CRI. Specify wattage and color temperature.
- WC Wireless control for compact fluorescent lighting. Consult factory.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME  
TYPE  
WATTAGE VOLTAGE  
CATALOG NUMBER

THIS FIXTURE IS NO LONGER AVAILABLE FOR AN ALTERNATIVE PLEASE SEE FIXTURE RR00760 NOTE: SOME DESIGN FEATURES OR OPTIONS MAY DIFFER

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 to the buyer 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. Improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.