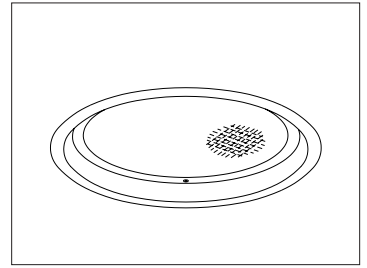


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

10" 2 Triple 32 WATT MAXIMUM

RR01094

Sealed & Gasketed "IP65 Rated" Downlight for OR, Cardiac Cath Hospitals • Urgent Care • Skilled Nursing



Specifications

Lamp

- Designed for two 4-pin triple tube amalgam or quad compact fluorescent lamps: 2-32/26W triple or 26W quad.

Ballast: Multi-Wattage/Voltage

- Installed electronic high power factor, thermally protected. For lower wattages see Option -43. For dimming see Option -39.
- Single circuit wiring or see Option -84.
- 120-277 multi-volt; 50-60 Hz. THD <10%.
- ClickQuick connectors for fast servicing.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Options -FS, -FD.

Reflector

- Specular Alzak® aluminum.

Trim / Lens Assembly

- Rustproof 100% aluminum grooveless, smooth, self-flanged white trim.

- C#73 tempered prismatic glass spread lens. See Option -GE for green acrylic filter.

5X Sealed and Gasketed

- (1) Silicone seal between trim and lens seals lens to trim, (2) closed cell gasketing between trim and housing flange seals trim to housing, (3) closed cell gasketing on trim flange seals flange to ceiling (4) closed cell gasketing on bottom pan seals housing to ceiling and (5) neoprene O-rings on stainless steel fasteners seal fasteners to trim.

Aluminum Housing

- Acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life and reduces air conditioning load.
- Entire luminaire serviced through aperture.
- Built-in plaster frame (housing flange).

Outlet Box

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

Installation

- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

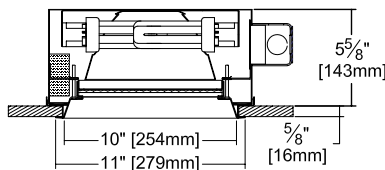
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12).

Three Year Limited Warranty

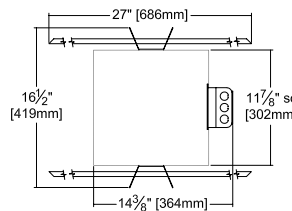
- Complete standard fixture and ballast.

Performance at a Glance

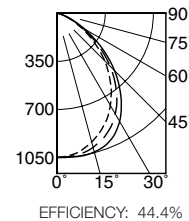
RR01094



Ceiling Cut-out
10 1/2" Dia.



RR01094 (2 Triple 32W)



Cone of Light*

Dist.	FC	Dia.
6	29.1	7.2
8	16.4	9.6
10	10.5	11.9
12	7.3	14.3
14	5.4	16.7
16	4.1	19.1
----	0° SC	1.1
---	45° SC	1.2
—	90° SC	1.3

Cone of Light Key

- Ft. 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

PATIENT EXAM &
HEALTHCARE LIGHTING

MAXIMUM WATTAGE

2 Triple 32

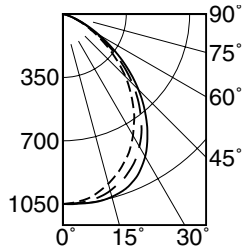
CATALOG NUMBER

RR01094

Detailed Photometry - Installed Fixture

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

RR01094 (2 Triple 32)



--- 0° SC 1.1
 - - - 45° SC 1.2
 ——— 90° SC 1.3

EFFICIENCY : 44.4%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1049	1049	1049	1049	1049
5	1038	1041	1046	1050	1051
15	970	983	1010	1035	1045
25	854	872	918	962	980
35	687	708	757	800	814
45	489	507	546	578	590
55	280	290	312	333	342
65	117	120	130	138	140
75	23	24	25	26	27
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80				50		
RC	70	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	49	48	46	45	45	44	43
2	46	43	40	38	41	39	37
3	42	38	35	33	37	34	32
4	39	35	31	29	33	30	28
5	36	31	28	25	30	27	25
6	34	29	25	22	27	24	22
7	32	26	23	20	25	22	20
8	29	24	21	18	23	20	18
9	28	22	19	16	21	18	16
10	26	20	17	15	20	17	15

ITL TEST #59120 *LER=28.1 •AEC=\$8.55

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand.
- 43 Lower wattage. For 4-pin 18W triple or 18-13W quad. Specify wattage.
- 84 Wired for two circuits. Also see -FD.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

- Internal (factory installed) ballast, test switch and indicator light. Suitable for damp locations from 0° to 50°C (32° to 122°F) or with Cold Weather version (see -CE) -20° to 55°C (-4° to 131°F).
- 73 Internal 1-lamp EM ballast.
- CE Internal cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HE¹ Internal higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Lenses and Trims

- 94 Custom color/finish. Specify. Consult factory.
- GE Green acrylic filter mounted in lens assembly.
- UV UV filter. Consult factory.

Other

- 99 Special modification. Consult factory.
- FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98(347V).
- FS Additional in-line fuse. Not available with Option -98(347V).
- LE With 4-pin electronic lamps. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

¹ Visit www.kirlinlighting.com for most current performance/specifications.

SUBMITTAL DATA

JOB NAME _____
 TYPE _____
 WATTAGE _____ VOLTAGE _____
 CATALOG NUMBER _____

APPROVAL STAMP

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED TO N.E.C. IN NORMAL USE. Manufacturer at the option will repair or replace 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 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 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.