

CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

500 WATT MAXIMUM 7" 1 **T**4

IRR-07063

Ideal for Sloped Ceilings: Auditoriums

Specifications

Lamp

- Designed for 1 vertical T4 frosted tungsten halogen lamp (by others): Mini-can 500 watt maximum.
- Lampholder
- Mini-candelabra heat resistant screw base mounted in exclusive extruded aluminum heat sink to maximize dissipation of lamp base heat.

Reflectors

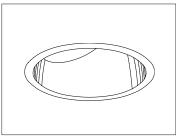
- · Upper: Specular Alzak® aluminum for precise control of source. Locking yoke for slope adjustment up to 35° maximum tilt.
- · Lower: Low brightness clear specular parabolic Alzak aluminum cone, self-flanged.
- Optional self-flanged lower cone finishes and colors available.
- Convection and radiation cooling by design. Lens
- Tempered MicroLux (microprismatic) lens mounted to upper reflector (0.4* SC). Optional tempered C#73 prismatic glass (Option -15 with 0.7* SC) or tempered clear glass (Option -28 with 0.2* SC) available.

Aluminum Housing

- Cool. Acrylic enameled 100% aluminum.
- · Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt sprav test.
- Dissipates heat across entire surface area extending component life.
- · Entire luminaire visible and serviceable from below through aperture.
- Top access standard simple procedure. **Outlet Box and Thermal Protection**
- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with 1/2" and ¾" knockouts.
- Thermal protector (per current NEC) provides automatic cut-off if rated temperature is exceeded.

Installation

- 27" galvanized hanger bars supplied (2).
- · Fully adjustable universal galvanized mounting brackets supplied (2).
- Recesses indoor or outdoor in covered ceilings. 2" collar (standard) permits thicker ceiling installations.
- See "MARKED SPACINGS CAUTION" below.



Recessed Round Open Appearance Adjustable

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. Through-branch conductors (6 #12 AWG
- 105°C). **Three Year Limited Warranty**
- Performance at a Glance IRR-07063 IRR-07063-15 IRR-07063-28 (Frosted Lamp) (Frosted Lamp) (Frosted Lamp) 90 90' IRR-07063 75° Exceptional 75 15000 9500 5000 Energy 60 60 60 ÉÉÉ Efficiency 10000 30000 19000 45 45 15000 45000 28500 30 165 $SC = 0.4^{\circ}$ $SC = 0.7^{*}$ SC = 0.2* 27" [686mm] EFFICIENCY: 63.3% EFFICIENCY: 67.6% EFFICIENCY: 67.3% ITL TEST #46927 ITL TEST #46926 ITL TEST #46925 -71/2" [190mm] / 18¹/4" [464mm] 13¹/₄" sq [337mm] 90° — 180° -85/8" [219mm]_/ [51mm] 4 "MARKED SPACINGS CAUTION" Ceiling CAUTION: SINGLE ENDED -15³⁄4" [400mm] INSTALL WITH MINIMUM SPACINGS AS FOLLOWS: 2 FEET BETWEEN Cut-out T4 HALOGEN LAMPS MUST 8" Dia. BE STARTED AT OR NEAR CENTERS OF ADJACENT FIXTURES; 1/2" BETWEEN FIXTURE TOP AND FULL VOLTAGE (120V) BEFORE DIMMING TO KIRLIN RECOMMENDS FROSTED *ALL SC VALUES SHOWN ARE FOR 15° SLOPE, OVERHEAD BUILDING MEMBER: 1 ENSURE MAXIMUM LIFE AND PERFORMANCE. FOOT BETWEEN FIXTURE CENTER MEASURED FROM NADIR. SECTION VIEW

THE **KIRLIN** COMPANY

DRAWING AND ALL PHOTOMETRIC CURVES SHOWN ARE FOR 15° SLOPE.

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

TUNGSTEN HALOGEN & INCANDESCENT LIGHTING

T4 HALOGEN LAMPS BY USHIO, GE OR

SYLVANIA ONLY

MAXIMUM WATTAGE 500

AND SIDE WALL

CATALOG NUMBER

IRR-07063

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

Alzak® is a registered trademark of ALCOA

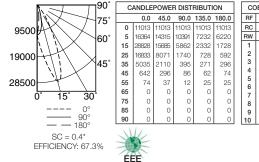
· Complete standard fixture.

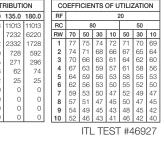


Detailed Photometry - Installed Fixture

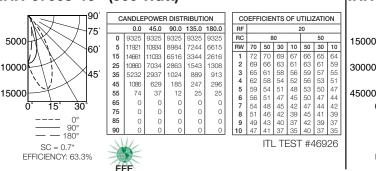


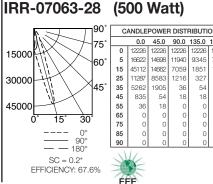
IRR-07063 (500 Watt)





IRR-07063-15 (500 Watt)





N		COEFFICIENTS OF UTILIZATION								
180.0		RF	20							
12226		RC	80				50			
7875		RW	70	50	30	10	50	30	10	
1089		1	77	76	74	73	71	70	69	
290		2	74	71	69	67	68	66	65	
73		3	71	67	64	62	65	62	61	
36		4	68	64	60	58	62	59	57	
0		5	65	60	57	55	59	56	54	
		6	63	57	54	52	56	53	51	
0		7	60	55	51	49	54	51	48	
0		8	58	52	49	46	51	48	46	
0		9	56	50	47	44	49	46	44	
0		10	53	48	44	42	47	44	42	
ITL TEST #46925										

*ALL SC VALUES SHOWN ARE FOR 15° SLOPE, MEASURED FROM NADIR. ALL PHOTOMETRIC CURVES SHOWN ARE FOR 15° SLOPE.

0.0 45.0 90.0 135.0 1

14698 11940

0 0

12226 12226

7059 1851

9345

0

12226

16622

45112 14662

11287 8583 1216 327

5262 1905 36 54

835 54 18 18

36 18 0 0

0 0 0 0

0 0 0

Options

Lenses and Trims

- Tempered prismatic C#73 glass lens for -15 medium distribution (0.7 SC at 0° tilt).
- -16 Champagne Gold specular Alzak lower cone. (CP x .95)
- Tempered clear flat glass for narrowest -28 distribution (0.2 SC at 0° tilt).
- -30 All white lower cone. (CP x .95)
- -31 White flange (only) on self-flanged lower cone.
- -32 White oversize trim ring. Specify O.D.
- -45 Gasket between ceiling and lower cone flange.
- -63 Dune specular Alzak lower cone. (CP x .93) -69
 - Wheat specular Alzak lower cone. (CP x .92)
- -70 SofTex clear lower cone. (CP x .92)
- -71 SofTex Dune lower cone. (CP x .89)
- -72 Black specular Alzak lower cone. Fire resistant construction only. (CP x .80)
- -91 SofTex Wheat lower cone. (CP x .88)
- -93 Pewter specular Alzak lower cone. (CP x .88)
- -94 Custom color/finish. Specify. Consult factory.
- OptiGroove black seamless tapered aluminum -OG lower cone. Fire resistant construction only. White trim, self-flanged. (CP x .83)

Other

-99 Special modification. Consult factory. -I P With lamp. Specify wattage, clear or frosted, 500W mini-can or 250W DCB, and color temperature.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

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VOLTAGE

APPROVAL STAMP

UNITED WARRANTY: CATALOGED KIRLIN FXTURES ARE WARRANTIED FREE GOT DEFECTS IN WORKMAKSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. NSTALLED TO N.E.C.: of pool purches and delevine faither fittes of the stream with three yeas of organisationer tablity of manufacture is limited to be foregoing, and manufacture stall note table of any the damage, direct or infect or suffice does not variant as to neutralization lifess for particular use, now any oal statement constitute availability of manufacture is limited to be foregoing, and manufacture stall note table of any the damage, direct or infect or sufficience of the state and any oal statement constitute availability of manufacture stall note and the three, impore installation, or repair, or modification of their which there within the organisation of the state of the state and any oal statement constitute availability of manufacture state of the state of the damage. , IN NORMAL USE. Manufacturer at his red by purchaser or any person. This warranty written authorization from the manufacturer v option will replace or repair such fixture or refund the purchase price on presen y is supplied to the buyer in place of all other warranties, expressed or implied, will render the warrantly vold. REV MAY 2014 . Selle