

Vivid Highlighting and Exceptional Ambient Lighting

Specifications

Lamp

- Designed for 1 vertical frosted T4 tungsten halogen lamp (by others): 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® ellipsoidal aluminum for precise control of source.
- Lower: Low brightness clear specular parabolic Alzak aluminum cone, self-flanged.
- Optional self-flanged lower cone finishes and colors available.

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. Vented.
- Convection and radiation cooling by design for maximum component life.
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire visible and serviceable from below through aperture.
- Top access standard - simple procedure.
- 2" mounting collar permits thicker ceiling installations. Built-in plaster frame.

Outlet Box and Thermal Protection

- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with 1/2" and 3/4" 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).

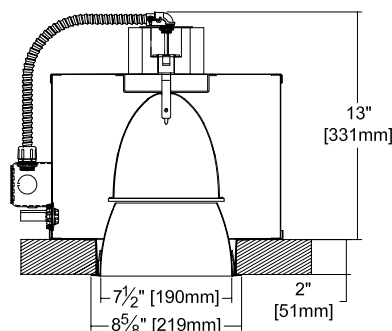
Recessed Round
Open
Appearance
Dual Reflector

- Recesses indoor or outdoor in covered ceilings. 2" collar (standard) permits thicker ceiling installations.
- See "MARKED SPACINGS CAUTION" below.
- UL, C-UL (Canada) Listings**
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12 AWG 90°C).

Three Year Limited Warranty

- Complete standard fixture.

Performance at a Glance



KIRLIN RECOMMENDS
FROSTED T4 HALOGEN LAMPS
BY USHIO, GEOR SYLVANIA ONLY

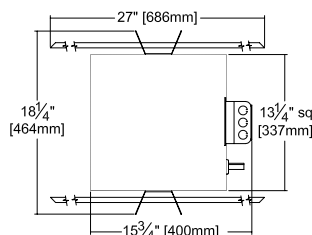
Cone of Light Key

- 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.

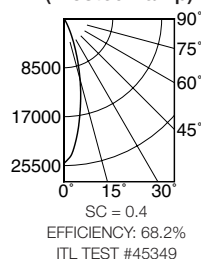


**Exceptional
Energy
Efficiency**



Ceiling Cut-out
8" Dia.

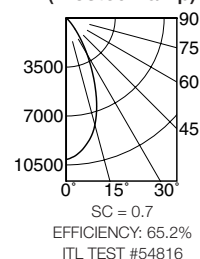
**IRR-07060
(Frosted Lamp)**



Cone of Light*

Dist.	FC	Dia.
6	698.6	2.6
8	393.0	3.5
10	251.5	4.3
12	174.7	5.2
14	128.3	6.0
16	98.2	6.9

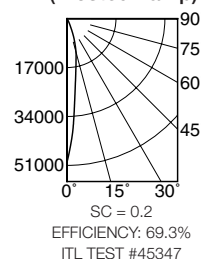
**IRR-07060-15
(Frosted Lamp)**



Cone of Light*

Dist.	FC	Dia.
6	280.5	4.5
8	157.8	6.0
10	101.0	7.5
12	70.1	9.0
14	51.5	10.5
16	39.4	12.0

**IRR-07060-28
(Frosted Lamp)**



Cone of Light*

Dist.	FC	Dia.
6	1385.3	1.3
8	779.3	1.8
10	498.7	2.2
12	346.3	2.7
14	254.4	3.1
16	194.8	3.6

"MARKED SPACINGS CAUTION"

INSTALL WITH MINIMUM SPACINGS AS FOLLOWS: 2 FEET BETWEEN CENTERS OF ADJACENT FIXTURES; 1/2" BETWEEN FIXTURE TOP AND OVERHEAD BUILDING MEMBER; 1 FOOT BETWEEN FIXTURE CENTER AND SIDE WALL.

CAUTION: SINGLE ENDED T4 HALOGEN LAMPS MUST BE STARTED AT OR NEAR FULL VOLTAGE (120V) BEFORE DIMMING TO ENSURE MAXIMUM LIFE AND PERFORMANCE.

THE KIRLIN COMPANY

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TUNGSTEN HALOGEN & INCANDESCENT LIGHTING

MAXIMUM WATTAGE

500

CATALOG NUMBER

IRR-07060

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

Alzak® is a registered trademark of ALCOA.

IRR-07060

7" 1 T4 500 WATT MAXIMUM

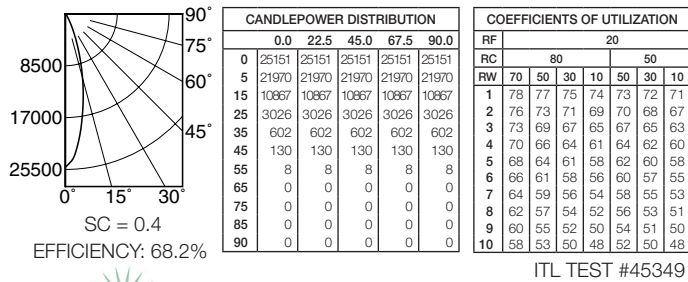
KIRLIN

Since 1895

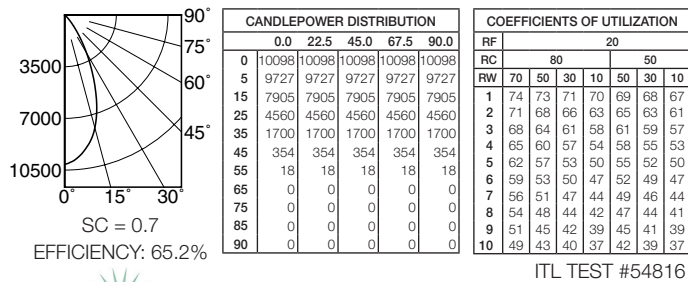
Detailed Photometry - Installed Fixture

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

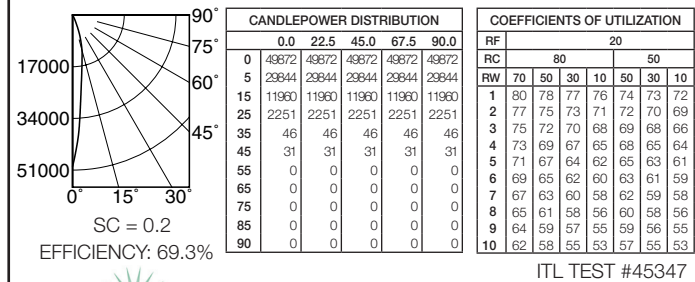
IRR-07060 (500 Watt)



IRR-07060-15 (500 Watt)



IRR-07060-28 (500 Watt)



Options

Lenses and Trims

- 15 Tempered prismatic C#73 glass lens for medium (0.7 SC) distribution.
- 16 Champagne Gold specular Alzak lower cone. (CP x .95)
- 28 Tempered clear flat glass for narrowest (0.2 SC) distribution.
- 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. For use in 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.
- OG OptiGroove black seamless tapered aluminum lower cone. White trim, self-flanged. For use in fire resistant construction only. (CP x .83)

Other

- 99 Special modification. Consult factory.
- LP With frosted mini-can lamp. Specify wattage and color temperature.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP