

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

13" x 13" 1 PS25 300 WATT MAXIMUM

ISS-13155

Surface K-Lensed Efficient Illumination

Specifications

Lamp / Socket

- Designed for one horizontal frosted incandescent lamp (by others): 300W maximum PS25.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- Tempered prismatic shock-resisting spread Kirlin lens. See Options for other lenses available.
- Rustfree polished nickel stainless door (304-L) and captive thumb screw. Concealed hinges for fast relamping.
- Attractively beveled cast aluminum frame tooled to ensure close fit with door. White acrylic finish.

Aluminum Housing

- Tempered, rigid white acrylic enameled aluminum.
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Dissipates heat across entire surface area extending component life.
- No visible housing hardware.

Installation

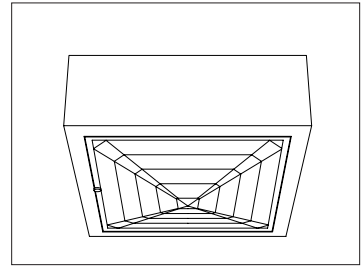
- Center point mounting for snug fit to ceiling. Mounting hardware included.
- 2" collar for surface J-box mount (Option -80).
- Pendant or wall bracket mounts available. (See Options -PM and -WB).
- Indoor or outdoor for covered ceiling use. For wet label in uncovered areas, add Option -89.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- With Option -89: Wet, damp or dry locations, uncovered areas.
- 90°C minimum supply wire.

Three Year Limited Warranty

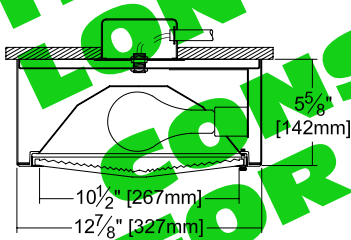
- Complete standard fixture.



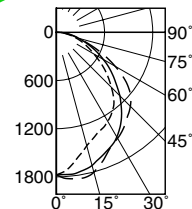
Surface Square
Kirlin Lens
Shallow

Performance of a Glance

ISS-13155



ISS-13155 (300 Watt)

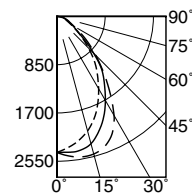


Cone of Light*		
Dist.	FC	Dia.
6	49.3	7.0
8	27.7	9.3
10	17.8	11.6
12	12.3	13.9
14	9.1	16.3
16	6.9	18.6

--- 0° SC 1.1
--- 90° SC 1.3
--- 180° SC 1.3

EFFICIENCY: 69.6%
ITL TEST #47291

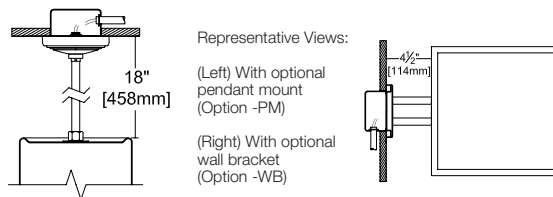
ISS-13155-15 (300 Watt)



Cone of Light*		
Dist.	FC	Dia.
6	66.5	6.7
8	37.4	8.9
10	24.0	11.1
12	16.6	13.4
14	12.2	15.6
16	9.4	17.8

--- 0° SC 1.0
--- 90° SC 1.1
--- 180° SC 1.2

EFFICIENCY: 69.6%
ITL TEST #47290



Representative Views:

(Left) With optional pendant mount (Option -PM)

(Right) With optional wall bracket (Option -WB)

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

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TUNGSTEN HALOGEN &
INCANDESCENT LIGHTING

MAXIMUM WATTAGE

300

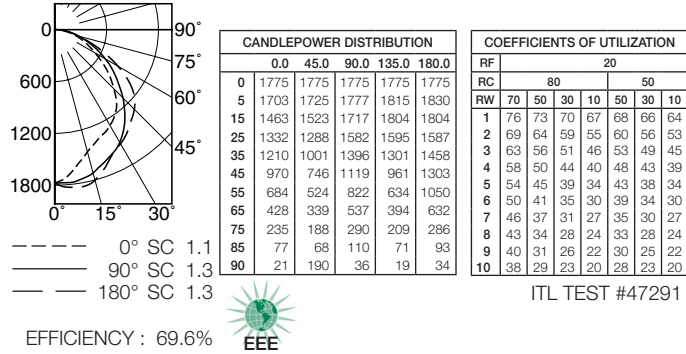
CATALOG NUMBER

ISS-13155

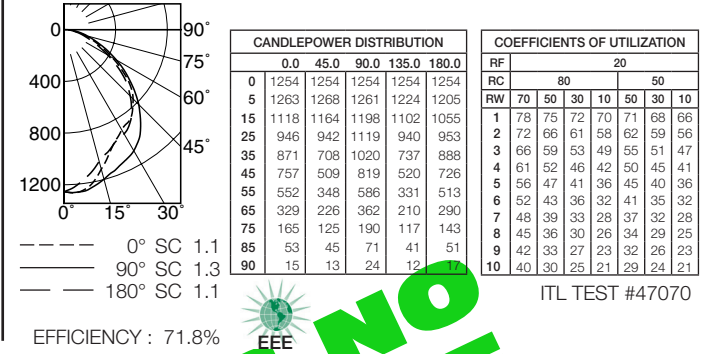
Detailed Photometry - Installed Fixture

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

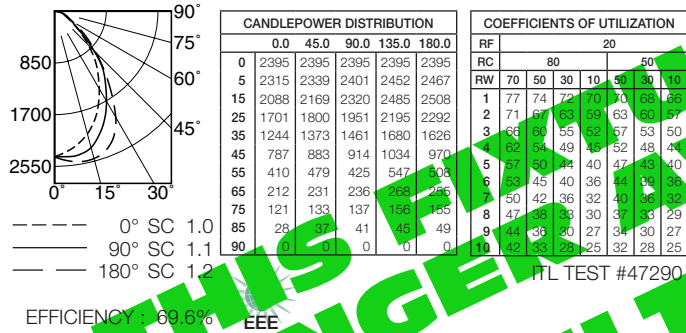
ISS-13155 (300 Watt)



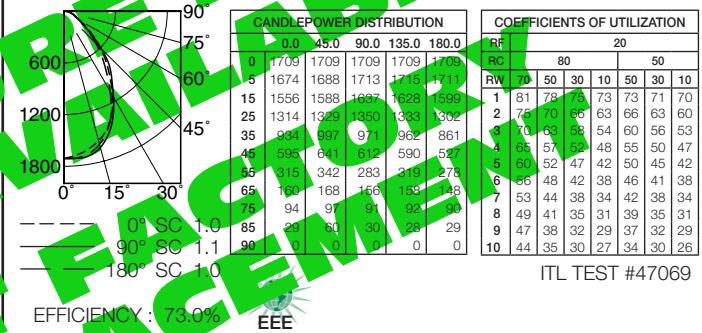
ISS-13155 (200 Watt)



ISS-13155-15 (300 Watt)



ISS-13155-15 (200 Watt)



Options

Lenses and Trims

- 14 Drop Opal glass. 1 1/4" deep. Not enameled.
- 15 Prismatic C#73 tempered glass lens.
- 18 Opal flat glass. Not enameled. Diffusing.
- 20 White aluminum 1/2" cube egg-crate louver.
- 26 Tamper-resistant button head recessed hex screw with center pin and 1 key / 10 fixtures. Also see Option -27.
- 27 Vandal resistant tempered prismatic C#73 spread lens above 1/4" clear tempered glass.
- 46 Gasket between door and trim frame.
- DG Drop Guard with C#73 tempered glass lens.
- DH Drop Holophane tempered lens instead.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 36 Gold acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 54 Safety cable through pendant stem and 12" beyond. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's.
- 87 Custom pendant / wall bracket length. Specify. (Pendant length up to 4' or consult factory.) Use with Options -PM or -WB.

- 88 Swivel canopy for sloped ceilings up to 40°. Earthquake rated. Use with -PM.
- 89 Sealed top WeatherCap. Must add to Options -PM or -WB for wet label listing.
- PM Pendant mount. 3/8" T.S. x 18" stem or see Option -87. Must add Option -89 for wet label listing. Also see -88
- WB Wall bracket mount. Must add Option -89 for wet label listing.
- Other**
- 99 Special modification. Consult factory.

SUBMITTAL DATA

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

APPROVAL STAMP

THIS PRODUCT IS NO LONGER AVAILABLE. PLEASE CONSULT FACTORY FOR REPLACEMENT.

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.E.C. IN NORMAL USE. Manufacturer of the option will replace or repair such 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 fixture 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 or amend the specific warranty. Abnormal use, including improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.