

### Surface Square K-Lensed Illumination

#### Features

##### Lamp / Socket

- Designed for:
  - SS21035: Horizontal 150 watt (max.) A-21 inside frosted incandescent lamp (by others).
  - SS21336: Horizontal 300 watt (max.) PS-25 inside frosted incandescent lamp (by others).
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

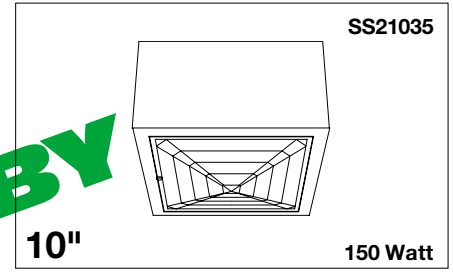
##### Reflector

- GlasSurfaced™ multi-faceted specular aluminum. Highly efficient.

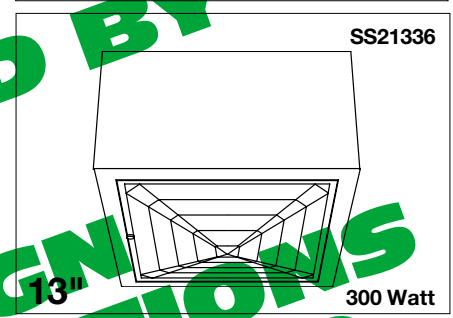
##### Trim Assembly

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

- Tamper-proof vandal resistant door screw available. (Option -26) Also see Option -27.
- Housing**
  - Tempered, rigid rustproof aluminum. Exceeds 1000 hour ASTM 5% salt spray test.
  - Cool. Dissipates heat across entire surface area.
  - No visible housing hardware.
  - White enameled acrylic finish standard.
- Installation**
  - Center point mounting with snug fit to ceiling. Mounting hardware furnished. Also see -80.
  - Indoor or outdoor for covered ceiling use. (See Option -89 for use with Options -PM or -WB)
  - Pendant mount available. (Option -PM)
  - Wall bracket available. (Option -WB)
- UL, C-UL (Canada) Listings**
  - Wet, damp or dry locations, covered ceilings. (see Option -89)
  - Caution: Use 90°C supply wire to outlet box above.
- Three Year Limited Warranty**
  - Complete standard fixture.

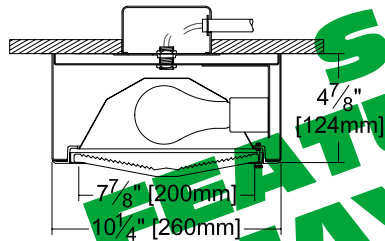


**Pendant and Wall Bracket Mounts Available**  
**Uniform Downlighting**

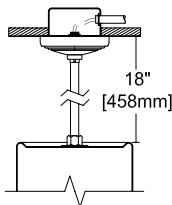
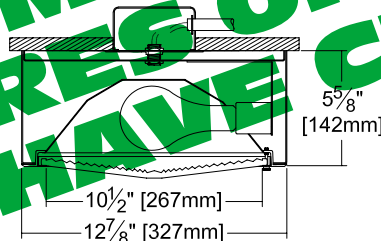


#### Performance at a Glance

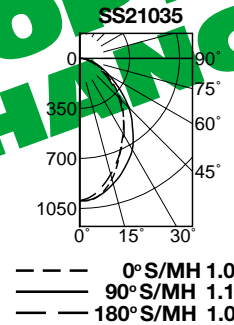
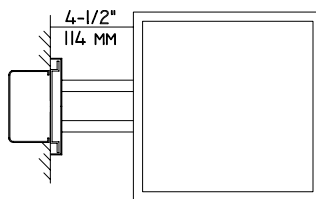
SS21035



SS21336



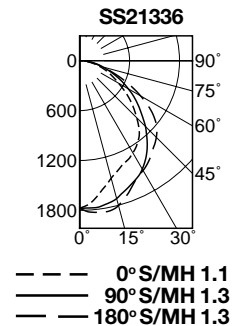
**Representative Views:**  
(Right) Optional wall bracket (Option -WB)  
(Left) Optional pendant mount (Option -PM)



**Cone of Light\***

Ft.	FC	Dia.
6	27.7	6.3
8	15.6	8.4
10	10.0	10.5
12	6.9	12.7
14	5.1	14.8
16	3.9	16.9

**Cone of Light Key**  
Ft. Distance from fixture  
FC Footcandles (average)  
Dia. Circle of light at 50% of FC



**Cone of Light\***

Ft.	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

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

## THE KIRLIN COMPANY

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#### NEW MILLENNIUM

**TUNGSTEN HALOGEN and INCANDESCENT LIGHTING**

#### LAMP

**A-21  
PS-25**

#### MAXIMUM WATTAGE

**150  
300**

#### CATALOG NUMBERS

**SS21035  
SS21336**

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

**SS21035**  
**SS21336**

**SURFACE SQUARE: 150 A-21 / 300 PS-25 (MAX.) INCANDESCENT DOWNLIGHTS**



**Detailed Photometry - Installed Fixture**

FROM I.T.L. (BOULDER, CO)

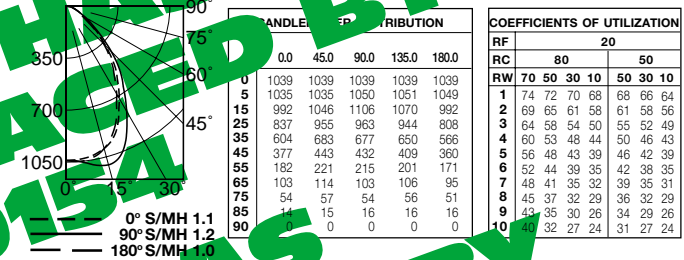
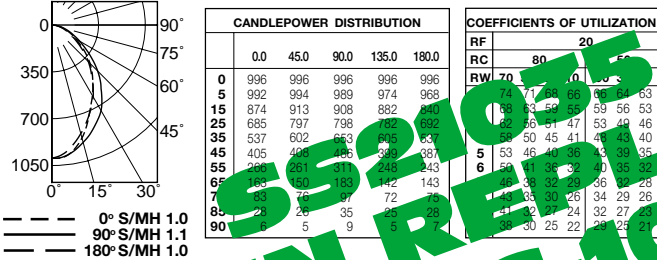
SS21035 (150W): TEST #47068  
SS21336 (300W): TEST #47291  
SS21336 (200W): TEST #47070

SS21035-15 (150W): TEST #47067  
SS21336-15 (300W): TEST #47290  
SS21336-15 (200W): TEST #47069

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, IN-NORMAL USE. Manufacturer at this option will replace or repair such fixture or refund the purchase price on presentation of a proof of purchase and defective fixture at the offices 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 for the fixture placed at other than the address expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use. Adverse use, abuse of the fixture, improper installation or repair or modification of the fixture without prior written authorization from the manufacturer will void the warranty of the manufacturer.

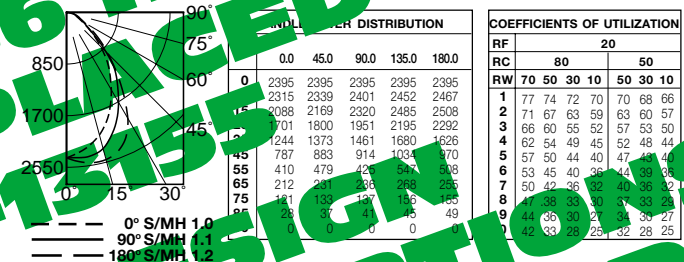
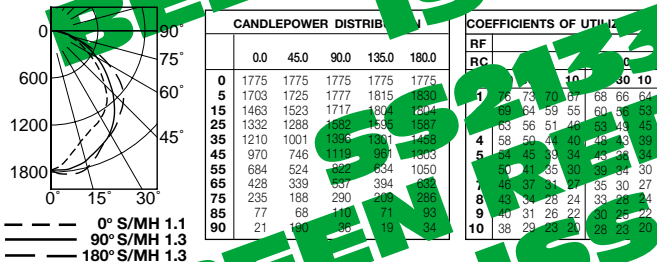
**SS21035 150W Efficiency = 67.0%**

**SS21035-15 150W Efficiency = 67.1%**



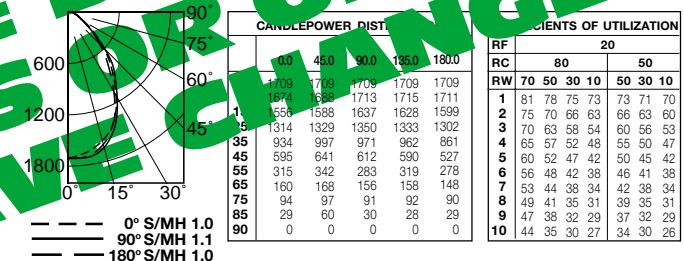
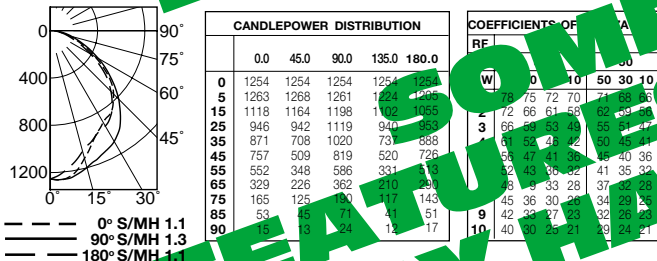
**SS21336 300W Efficiency = 69.6%**

**SS21336-15 300W Efficiency = 69.6%**



**SS21336 200W Efficiency = 71.8%**

**SS21336-15 200W Efficiency = 73.0%**



**Options**

- 14 Dropped Anopal glass. 1-1/4" deep. Not enameled.
- 15 Tempered prismatic flat C#73 lens instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver instead of lens.
- 26 Tamper-proof recessed hex, center pin, button door screw with key. One key / ten fixtures. Also see Option -27.
- 27 Clear 1/4" tempered glass beneath prismatic C#73 flat lens, for vandal resistance. Also see Option -26.
- 35 Silver enameled housing and frame finish.
- 36 Gold enameled housing and frame finish.
- 37 Dark Bronze enameled housing and frame finish.
- 38 Black enameled housing and frame finish.
- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- 58 277/120V stepdown transformer for 277 volt line input, wired into fixture (for SR21336 only).
- 80 2" extension collar for mounting luminaire beneath surface outlet box. Finish matches housing color.
- 87 Custom -PM length. Specify up to 4 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 Sealed top WeatherCap feature prevents moisture and insect intrusion in outdoor or high humidity areas. Use with Option -PM or -WB.
- 94 Custom color housing and frame. Consult factory.
- 99 Special modification. Consult factory.
- DG Drop Guard with prismatic C#73 flat glass (for SS21336 only).
- DH Drop Holophane tempered lens instead.
- PM Pendant mount instead. 3/8" T.S. x 18" or see Option -87. Also see Options -88 and -89.
- WB Wall bracket mount instead. Also see -89.

**SUBMITTAL DATA**

**APPROVAL STAMP**

JOB NAME \_\_\_\_\_  
TYPE \_\_\_\_\_  
WATTAGE \_\_\_\_\_ VOLTAGE \_\_\_\_\_  
CATALOG NUMBER \_\_\_\_\_