

Higher Wattage Regressed Lens: Dimmable

Features

Lamp / Socket

- Designed for:
Vertical 300 watt (max.) PS-25 inside frosted incandescent lamp (by others).
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Trim Assembly

- Seamless tapered black OptiGroove with white flange. Self-flanged trim.
- Regressed tempered prismatic low brightness C#73 spread distribution lens.
- White flare trim, flat trim or eggcrate louver available. See Options.
- Anopal, fresnel or Holophane lens available. See Options.

Housing

- Seamless, deep-drawn rigid aluminum. No visible hardware.
- White acrylic enameled finish.

standard. See Options for other colors.

- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area.

Installation

- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use. (See Option -89 for use with -PM or -WB)
- Collar for mounting beneath surface outlet box available. (Option -80)
- 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.

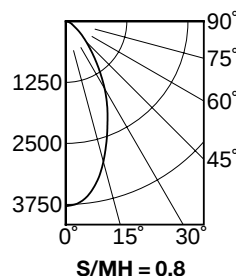
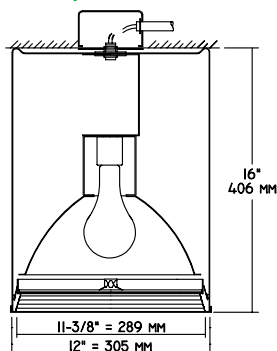


**Ideal for Auditorium or Mall
Seamless Deep Drawn Cylinder**

**Optional Pendant, Swivel, or
Wall Bracket
See Options for Additional
Trims / Lenses**

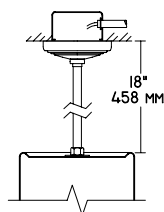
Performance at a Glance

SR21227



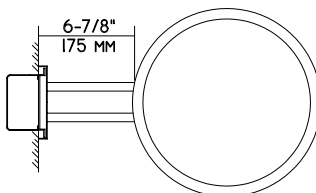
Cone of Light*

Ft.	FC	Dia.
6	105.2	4.7
8	59.2	6.3
10	37.9	7.8
12	26.3	9.4
14	19.3	11.0
16	14.8	12.5



Representative Views:

(Right) Optional wall bracket (Option -WB)
(Left) Optional pendant mount (Option -PM)



Cone of Light Key

Ft. Distance from fixture
FC Footcandles (average)
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

**NEW MILLENNIUM
TUNGSTEN HALOGEN and
INCANDESCENT LIGHTING**

LAMP

MAXIMUM WATTAGE

CATALOG NUMBER

PS-25

300

SR21227

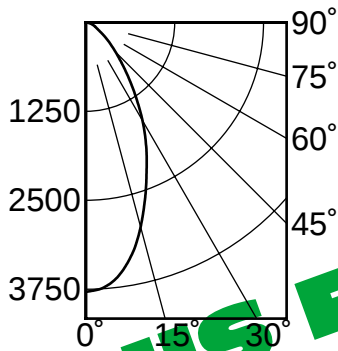
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Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) TEST NUMBER 47063

SR21227 300W



S/MH 0.8

EFFICIENCY = 60.9%

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	3787	3787	3787	3787	3787
5	3698	3698	3698	3698	3698
15	2976	2976	2976	2976	2976
25	2021	2021	2021	2021	2021
35	1177	1177	1177	1177	1177
45	593	593	593	593	593
55	282	282	282	282	282
65	145	145	145	145	145
75	67	67	67	67	67
85	1	1	1	1	1
90	0	0	0	0	0

COEFFICIENT OF UTILIZATION

Beam Spread	0°	15°	30°	45°	60°	75°	90°
0	68	66	65	63	62	61	60
5	64	61	58	55	57	55	53
10	60	55	52	49	53	50	48
15	56	51	47	44	49	46	43
20	53	47	43	40	45	42	39
25	50	44	40	36	42	39	36
30	47	41	37	34	39	36	33
35	45	38	34	31	37	33	31
40	42	36	32	29	35	31	29
45	40	34	30	27	33	29	27

Options

- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver.
- 35 Silver enameled luminaire finish instead.
- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.
- 40 White grooveless flare trim instead. With regressed tempered prismatic C#73 spread lens or specify optional lens.
- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- 58 277/120V stepdown transformer for 277 volt
- 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 trim assembly or luminaire. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- FR Fresnel tempered lens instead. Concentric prisms.
- FT Flat white trim instead. With tempered prismatic flat C#73 spread lens or specify optional lens.
- HO Holophane concave prismatic 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 _____

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, C, IN NORMAL USE. Manufacturer at the option will replace or repair such fixture or refund the purchase price or 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 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 from the manufacturer will render the warranty void.