CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

6"   1   A19   100 WATT MAXIMUM

ISR-06141

Versatile Regressed Lens Cylinder

Surface Round
Regressed
Lens
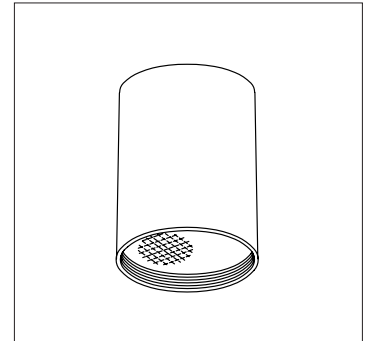
Specifications

Lamp / Socket
- Designed for one vertical frosted incandescent lamp (by others):
  100W maximum A19.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflector
- Specular Alzak® aluminum.

Trim Assembly
- Tapered aluminum one piece black OptiGroove with white flange or all white smooth self-flanged trim (Option -40).
- Regressed tempered prismatic C#73 glass lens.
- Optional lenses and trims available.

Aluminum Housing
- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

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 mount available. (See Options -PM, -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.
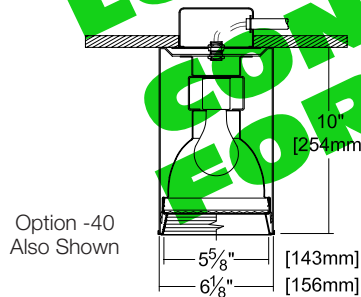- 90°C minimum supply wire.

Three Year Limited Warranty
- Complete standard fixture.

Performance at a Glance

ISR-06141

10"
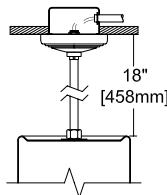[254mm]

Option -40
Also Shown

5⅝" [143mm]
6⅛" [156mm]

Cone of Light Key
- **Ft.** Distance from fixture
- **FC** Footcandles at nadir (0°)
- **Dia.** Circle of light at 50% of FC

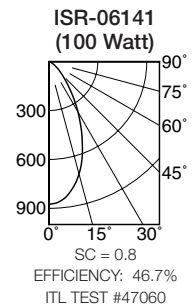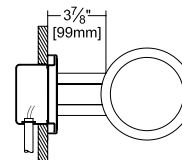* Dia. (in ft.) shown is where FC value is half the FC at nadir.

18"
[458mm]

Representative Views:

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

3⅞"
[99mm]

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

ISR-06141
(100 Watt)

90°
75°
300
60°
600
45°
900

0°   15°   30°

SC = 0.8
EFFICIENCY: 46.7%
ITL TEST #47060

Cone of Light*

Dist.	FC	Dia.
6	24.3	4.8
8	13.7	6.5
10	8.8	8.1
12	6.1	9.7
14	4.5	11.3
16	3.4	12.9

THE KIRLIN COMPANY

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

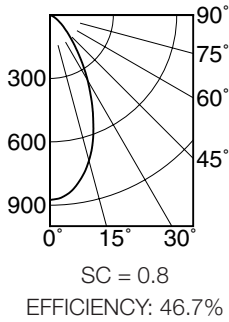| MAXIMUM WATTAGE	CATALOG NUMBER
100	ISR-06141

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

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

ISR-06141   (100 Watt)

SC = 0.8
EFFICIENCY: 46.7%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	875	875	875	875	875
5	856	856	856	856	856
15	713	713	713	713	713
25	474	474	474	474	474
35	253	253	253	253	253
45	118	118	118	118	118
55	52	52	52	52	52
65	20	20	20	20	20
75	3	3	3	3	3
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION						
RF	20					
RC	80				50	
RW	70	50	30	10	50	30	10
1	53	51	50	49	48	47	47
2	50	47	45	43	45	43	42
3	47	43	41	39	42	40	38
4	44	40	37	35	39	36	34
5	42	37	34	32	36	33	32
6	39	35	32	29	34	31	29
7	37	32	29	27	31	29	27
8	35	30	27	25	30	27	25
9	33	29	26	24	28	25	23
10	32	27	24	22	26	24	22

ITL TEST #47060

Options

Lenses and Trims
- -18 Opal flat glass. Not enameled. Diffusing.
- -20 White 1/2" cube eggcrate aluminum louver.
- -40 White grooveless flare trim. (CP x 1.10)
- -45 Gasket between housing and trim.
- -46 Gasket between trim and lens.
- -FR Fresnel tempered glass lens.

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 and -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.
- -QM QuickConnect mount for indoor (damp or dry) use only.
- -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

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