

Downlight Distribution: Drive-Thru / Soffit

Features

Lamp

- 100 watt coated E/ED-17 universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Horizontal. Pulse rated medium base.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- UV absorbing tempered prismatic shock-resisting spread Kirlin lens.
- UV absorbing tempered low brightness prismatic flat glass available (Option -15).
- Rust-free polished nickel stainless 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).
- Drop Holophane tempered lens available (Option -DH).

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast
- Premium Class H; High reactance with 5:12 regulation.

- Capacitor and ignitor supplied.
- 120 volt standard or see optional voltages.
- Cool, quiet, long-life. Silicone leads.
- Visible and easily serviced in all ceilings including dry wall.

Fuse

- Fused primary. Renewable. Aids servicing.

Housing

- Acrylic enameled aluminum.
- Cool. Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.

Outlet Box

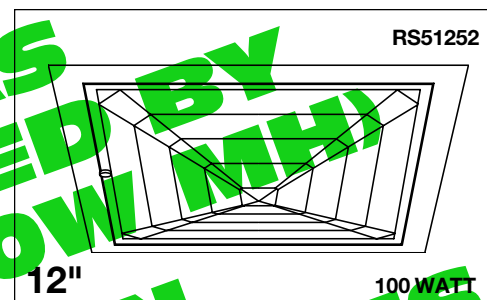
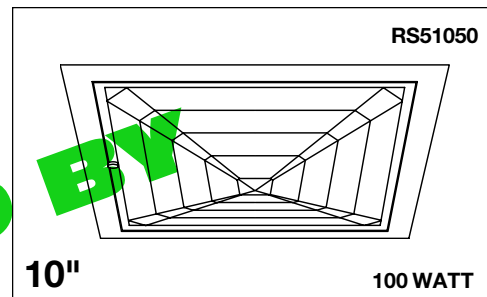
- Prewired 14 GA (NEC) galvanized steel, UL listed.
- Removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

- 27" galvanized channel bar hangers supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL Listing

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).



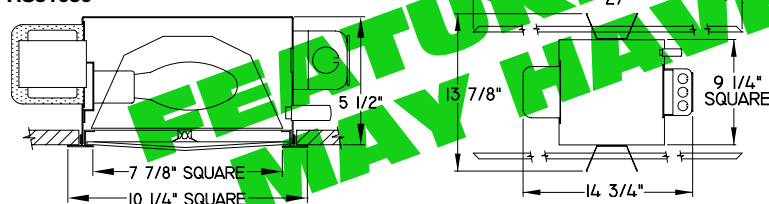
Indoor or Outdoor

Three Year Limited Warranty

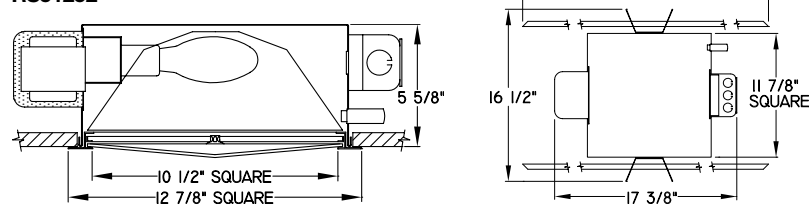
- Complete standard fixture.
- Thermal Protection
- Per current NEC.

Performance at a Glance

RS51050



RS51252



Cone of Light*

Ft.	FC	Dia.
6	119.8	4.5
8	67.4	6.0
10	43.1	7.5
12	30.0	9.0
14	22.0	10.5
16	16.8	12.0

RS51050

Cone of Light*

Ft.	FC	Dia.
6	91.1	6.0
8	51.3	8.0
10	32.8	10.0
12	22.8	11.9
14	16.7	13.9
16	12.8	15.9

RS51050

Cone of Light*

Ft.	FC	Dia.
6	100.2	4.8
8	56.4	6.5
10	36.1	8.1
12	25.1	9.7
14	18.4	11.3
16	14.1	12.9

RS51050

Cone of Light*

Ft.	FC	Dia.
6	74.2	5.2
8	41.7	7.0
10	26.7	8.7
12	18.5	10.5
14	14.6	12.2
16	10.4	14.0

RS51252

Cone of Light*

Ft.	FC	Dia.
6	90.3	5.2
8	50.8	7.0
10	32.5	8.7
12	22.6	10.4
14	16.6	12.2
16	12.7	13.9

RS51252

Cone of Light*

Ft.	FC	Dia.
6	98.6	4.6
8	55.4	6.1
10	35.5	7.6
12	24.6	9.2
14	18.1	10.7
16	13.9	12.2

RS51252

Cone of Light Key

- Ft. Mounting height
- FC Footcandles
- 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

HIGH EFFICIENCY
METAL HALIDE
LIGHTING

LAMP
E/ED-17
E/ED-17

WATTAGE
100
100

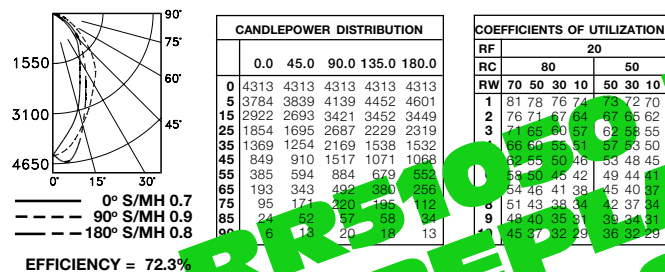
CATALOG NUMBERS
RS51050
RS51252

RS51050 RS51252

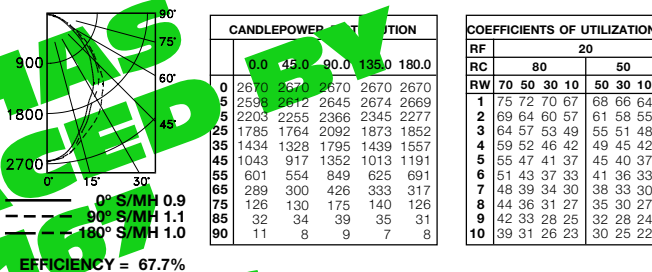
KIRLIN RECESSED SQUARE: 100 WATT MEDIUM BASE METAL HALIDE

Detailed Photometry - Installed Fixture

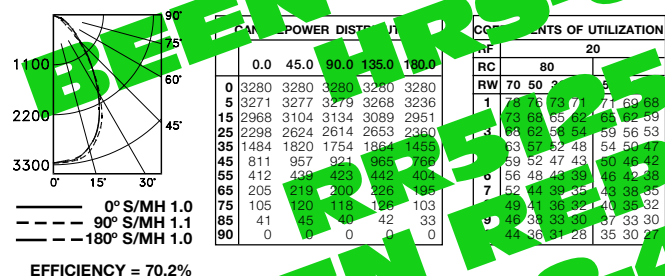
RS51050



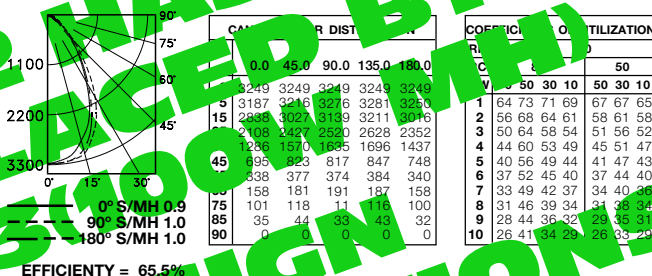
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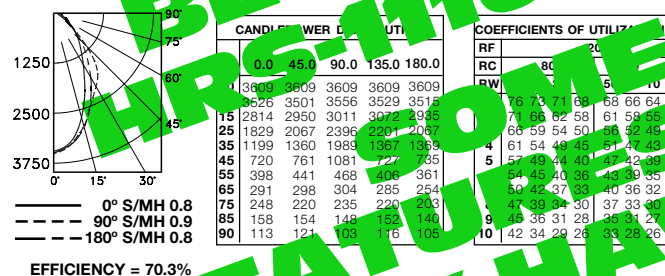
RS51050-15



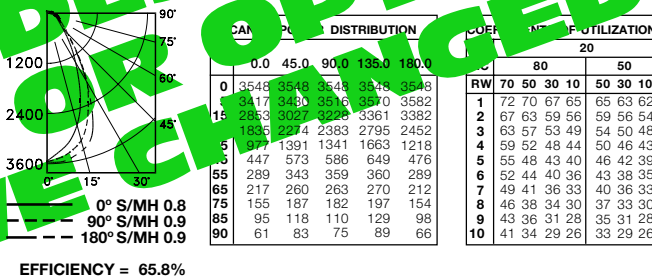
RS51252-15



RS51050-DH



RS51252-DH



Options

- 15 UV absorbing tempered low brightness prismatic flat glass instead.
- 23 Mercury ballast instead. 100ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 100ME standard or see Option -43. Specify voltage.
- 26 Tamper-proof recessed hex, center pin, button door screw with key. One key provided/ten fixtures. See Option -27.
- 27 Clear 1/4" tempered glass beneath prismatic flat lens, for vandal resistance. Also see -26.
- 29 White Son ballast instead. For ED-17 medium base lamp. 100 watt standard in 120 volt only. Consult factory for 277 volt.
- 35 Silver enameled frame finish instead.
- 36 Gold enameled frame finish instead.
- 37 Bronze enameled frame finish instead.
- 38 Black enameled frame finish instead.
- 43 Lower wattage medium base - specify voltage and wattage for: Metal Halide: 70, 50; Mercury: 75, 50; HPS: 70, 50, 35; White Son: 50.
- 45 Gasket above trim flange (between trim and ceiling).
- 46 Gasket between trim and lens.
- 47 Galvanized steel plaster frame for wet plaster ceiling.
- 49 Extra circuit DCB socket. (100 watt max.) Must not be energized simultaneously with main source.
- 58 277 volt 60 Hz. ballast instead.
- 65 Relay and DCB socket. (100 watt max.) With fixture energized, provides immediate light during HID outage. Also see Option -66.
- 66 Time delay relay and DCB socket. (100 watt max.) When energized, provides light until HID reaches 70% output.
- 94 Custom color frame. Consult factory.
- 97 Other voltage ballasts. Consult factory.
- 99 Special modification. Consult factory.
- DG Drop Guard with tempered flat prismatic glass (RS51252). Galvanized steel; white acrylic finish. Protects against thrown objects.
- DH Drop Holophane lens instead (RS51252).
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3200°K standard for 100MH). Consult factory for other color temperatures.
- LS With tungsten halogen standby lamp. (100 watt max.) Use only with Options -49, -65 or -66.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

Distribution curves and S/MH data shown above are 90° to lamp axis.

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. / IN NORMAL USE. Manufacturer at his 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 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 to the purchaser 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 of any kind. This specification is subject to change without notice. Consult the manufacturer for further warranty details.