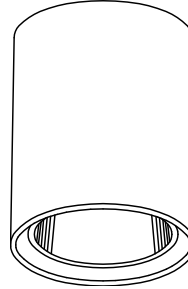


Surface Lensed T-6 Bi-Pin Ellipsoidal Downlight: 39 to 150 Watt



12" 150W **HSR-12126**

Features

Lamp

- Designed for T-6 bi-pin metal halide lamps. See chart below for standard and optional wattages.
- See Option -43 and chart below for lower wattage.

Socket

- Vertical. G12 bi-pin. Pulse rated.
- Porcelain body. Silicone leads.

Reflectors

- Upper: Ellipsoidal or parabolic specular Alzak® aluminum.
- Lower: Low brightness parabolic specular Alzak aluminum, self-flanged.

Lens

- UV absorbing tempered MicroLux glass mounted to upper reflector. Also see Options.

Ballast Assembly: Specify Voltage

- WhisperPack™ fully encapsulated 180°C rated HPF pulse start ballast.
- Class H, high reactance for 120 volt and Options -65, -66; linear reactor for 277 volt.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Cool, quiet, long-life. Silicone leads.

Fuse

- Fused primary. Renewable. Aids servicing.

Housing

- White acrylic enameled aluminum. Flare style includes interlocking flare trim ring.
- No visible seam or cylinder hardware.

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

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- QuickConnect mounting system available (Option -QM).
- Surface J-box mount available. (Option -80)
- Pendant or wall bracket mount available. (See Options -PM, -WB)
- Indoor or outdoor for covered ceiling use. (See Options -QM, -89)

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. (See Options -QM, -89)

Three Year Limited Warranty

- Complete standard fixture, including ballast.

Wattage Availability

Catalog No.	Lamp/Base	Standard Wattage Pulse MH	Option -43: Lower Wattage Pulse MH	Max. Standby Wattage (-49-65-66-LS)	Fixture Style
HSR-12126	T-6/G12 bi-pin	150	39-70	100	Flare Trim

Options

Sources and Ballasts

- 39 Remote (10' max.) electronic dimming ballast instead, for pulse start metal halide. Consult factory for wattage and voltage availability.
- 96 Remote (15' max.) electronic MH ballast instead. Consult factory for internal mounting.

Wattage and Voltage

- 43 Lower wattage: See Option -43 chart above for available lower wattages. Specify voltage.
- 120 120 volt, 60 Hz. ballast.
- 277 277 volt, 60 Hz. ballast.
- 347 347 volt, 60 Hz. ballast. Consult factory for dimming or electronic.
- 97 Other voltage ballast. Consult factory.

Relays, Standbys, Lamps (See Chart)

- 49 Extra circuit DCB socket. Do not energize simultaneously with main source. Also see -LS.
- 65 Electronic standby system and DCB socket. Following HID outage, provides immediate light until HID restrikes. Also see -66 and -LS.
- 66 Electronic time delay standby system and DCB socket. Following outage, provides light until HID reaches 70% output. Also see Option -LS.
- LP With lamp. Specify wattage and color temperature. (3000°K standard for T-6 MH)

- LS With T-4 DCB tungsten halogen standby lamp. Use only with Options -49, -65 or -66.

Reflectors and Trims (Self-Flanged)

- 16 Champagne Gold specular Alzak lower cone. (CP x .95)
- 30 All White lower cone. (CP x .95)
- 31 White flange (only) on lower cone.
- 63 Dune specular Alzak lower cone. (CP x .93)
- 69 Wheat specular Alzak lower cone. (CP x .92)
- 70 SofTex Clear etched lower cone. (CP x .92)
- 71 SofTex Dune etched lower cone. (CP x .89)
- 72 Black specular Alzak lower cone. (CP x .77)
- 77 SofTex Pewter etched lower cone. (CP x .92)
- 90 SofTex Champagne Gold etched lower cone. (CP x .90)
- 91 SofTex Wheat etched lower cone. (CP x .88)
- 92 Umber specular Alzak lower cone. (CP x .83)
- 93 Pewter specular Alzak lower cone. (CP x .88)
- 94 Custom color lower cone. Consult factory.
- OG OptiGroove black tapered aluminum lower cone. White trim. (CP x .75)

Lenses

- 15 Prismatic C#73 flat glass lens instead.
- 28 UV absorbing clear tempered glass instead.

Luminaire (Housing) Finishes

- 35 Natural Aluminum enameled luminaire finish instead.

- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.
- 94 Custom color luminaire finish. Consult factory.

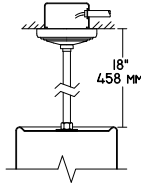
Mounting Options

- 54 Safety cable through pendant stem. 12" longer than specified stem length. Anchored to fixture. Use with Option -PM.
- 80 2" concealment collar for mounting luminaire beneath surface outlet box. 1/2" T.S. KO's. Also see Option -89.
- 87 Custom -PM length. Specify up to 4 feet or consult factory for longer lengths with couplers.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 Sealed top feature prevents moisture and insect intrusion from above in outdoor or high humidity areas. Must add to Options -80, -PM or -WB for Wet Label listing.
- PM Pendant mount instead. 3/8" T.S. x 18" standard. Also see Options -54, -87, -88, -89.
- QM QuickConnect mount, for indoor (damp or dry) use only. Housing swings aside for easy wiring, then pivots and locks to matte black collar.
- WB Wall bracket mount instead. Also see Option -89.

Other Options

- 99 Special modification. Consult factory.

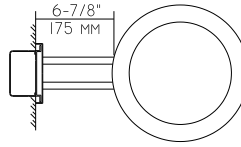
HSR-12126



Representative Views:

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

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



Cone of Light Key

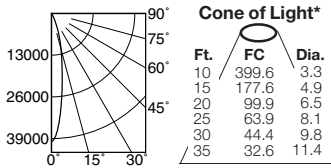
- Ft.** Distance from fixture
- FC** Footcandles (average)
- Dia.** Circle of light at 50% of FC
- * Dia. (in ft.) shown is where FC value is half the FC at nadir.

C.U. (Coefficients of Utilization) Tables are available on request. Please contact your Kirlin representative.

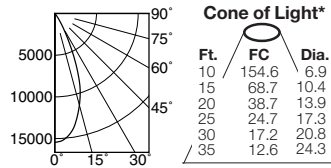
LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED TO N.E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the office of manufacturer within the foregoing, and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by the purchaser or any other person in connection with the use of the fixture. This warranty is void where prohibited by law. This warranty is void where prohibited by law. This warranty is void where prohibited by law.

HSR-12126 150W

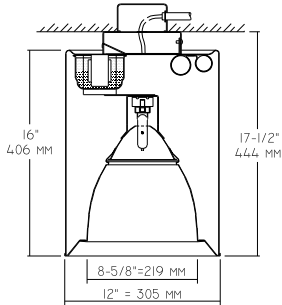
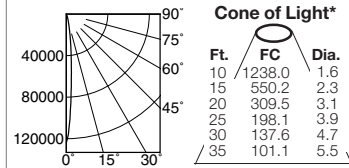
HSR-12126



HSR-12126-15



HSR-12126-28



ITL TEST #51484	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	39960	39960	39960	39960	39960
5	31609	31609	31609	31609	31609
15	11556	11556	11556	11556	11556
25	2613	2613	2613	2613	2613
35	286	286	286	286	286
45	9	9	9	9	9
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

*LER = 37.3
*AEC = \$6.43

ITL TEST #51483	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	15462	15462	15462	15462	15462
5	15008	15008	15008	15008	15008
15	11377	11377	11377	11377	11377
25	4751	4751	4751	4751	4751
35	705	705	705	705	705
45	18	18	18	18	18
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

S/MH 0.6
EFFIC: 51.9%
*LER = 37.3
*AEC = \$6.43

ITL TEST #51485	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	12380	12380	12380	12380	12380
5	5661	5661	5661	5661	5661
15	759	759	759	759	759
25	115	115	115	115	115
35	5	5	5	5	5
45	0	0	0	0	0
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

S/MH 0.2
EFFIC: 51.8%
*LER = 37.2
*AEC = \$6.44
MULTIPLY CANDELA BY 10.0

ALL FIXTURE DRAWINGS SHOWN WITH OPTION -QM

* LER (Luminaire Efficacy Rating) = Luminaire Effic. x Total Lamp Lumens x Ballast Factor / Input Watts

* AEC = Annual Energy Cost per 1000 lumens (based on 3000 hours use @ \$0.08 KWH).

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME
TYPE
WATTAGE
VOLTAGE
CATALOG NUMBER