

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

6" T6 CERAMIC METAL HALIDE 150 WATT MAXIMUM HRS-06344

Square Trim T6 Adjustable: 3 Spacings
For Impactful Highlighting

Specifications

Lamp

- Designed for adjustable T6 bi-pin ceramic metal halide lamp.
- Up to 96 CPH, 12,000-15,000 hour life.
- For lower wattages, see Option -43.

Socket (5kV rated)

- G12 bi-pin base.
- Porcelain body. Silicone leads.

Reflectors

- Upper: Parabolic specular Alzak® aluminum. Swivels 358° tilts up to 45°.
- Lower: Low brightness square specular Alzak® aluminum, self-flanged.
- Optional reflector finishes / colors available.

Lens: UV Absorbing

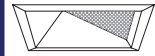
- Tempered monoprismatic glass mounted in lower reflector. Standard NFL distribution (0.4 SC).
- See Options for -SPT (0.2 SC) and -MFL (0.7 SC) distributions.

Electronic Ballast

- Full electronic circuitry provides constant color and constant wattage, ensuring

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult
QUOTATIONS
for the best alternative.



0.2 or 0.4 or 0.7 SC
Available

- Built-in plaster frame.

Outlet Box

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

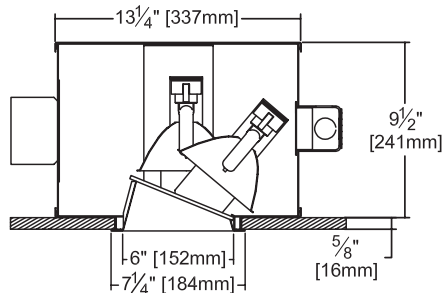
Installation

- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

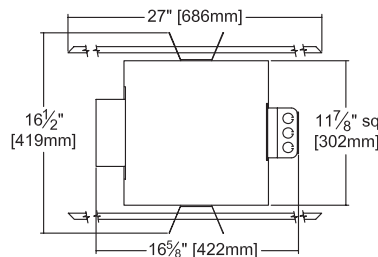
UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).
- 20 watt only.
- These features are standard on all models.
- Complete standard fixture, including ballast.

Performance at a Glance

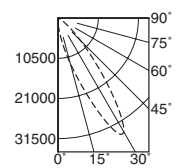


Ceiling Cut-out
6 3/4" Sq.



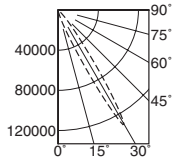
STANDARD (NFL) DISTRIBUTION

SC: 0.4
Effic: 54.4%
ITL Test: 67833



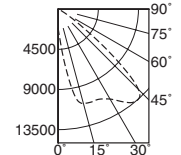
Option -SPT

SC: 0.2
Effic: 57.2%
ITL Test: 67831



Option -MFL

SC: 0.7
Effic: 56.8%
ITL Test: 67835



THE KIRLIN COMPANY

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COMPACT PULSE START
METAL HALIDE LIGHTING

MAXIMUM WATTAGE

150

CATALOG NUMBER

HRS-06344

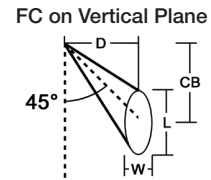
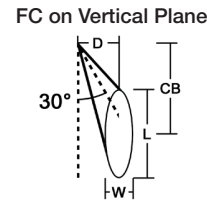
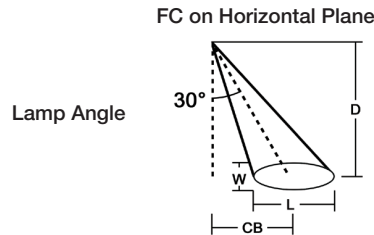
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Alzak® is a registered trademark of ALCOA.

Photometry - Installed Fixture

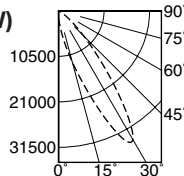
Photometry from I.T.L., Boulder, CO

D: Distance (in feet) to floor or wall.
 FC: Max. footcandles on surface within effective visual beam. (Visual beam is 50% of max. FC.)
 L: Effective visual beam length (in feet).
 W: Effective visual beam width (in feet).
 CB: Distance (in feet) to center beam.



STANDARD (NFL) (70W)

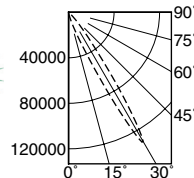
SC: 0.4
 Effic: 54.4%
 ITL Test: 67833



D	FC	L	W	CB	D	FC	L	W	CB
4.0	1467	1.8	1.7	2.3	2.0	1209	2.4	1.4	3.5
6.0	652	2.8	2.5	3.5	3.0	537	3.6	2.1	5.2
7.0	479	3.2	2.9	4.0	4.0	302	4.8	2.8	6.9
8.0	367	3.7	3.3	4.6	5.0	193	5.9	3.5	8.7
9.0	290	4.1	3.7	5.2	6.0	134	7.1	4.2	10.4
10.0	235	4.6	4.1	5.8	8.0	76	9.5	5.6	13.9
12.0	163	5.5	5.0	6.9	10.0	48	11.9	6.9	17.3
14.0	120	6.4	5.8	8.1	12.0	34	14.3	8.3	20.8

Option -SPT (70W)

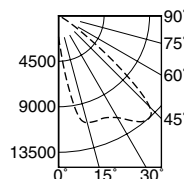
SC: 0.2
 Effic: 57.2%
 ITL Test: 67831



D	FC	L	W	CB	D	FC	L	W	CB
4.0	4638	1.0	0.8	2.3	2.0	4061	1.3	0.7	3.5
6.0	2061	1.5	1.2	3.5	3.0	1805	1.9	1.1	5.2
7.0	1514	1.7	1.4	4.0	4.0	1015	2.6	1.4	6.9
8.0	1159	2.0	1.6	4.6	5.0	650	3.2	1.8	8.7
9.0	916	2.2	1.8	5.2	6.0	451	3.9	2.1	10.4
10.0	742	2.5	2.1	5.8	8.0	254	5.2	2.8	13.9
12.0	515	3.0	2.5	6.9	10.0	162	6.4	3.5	17.3
14.0	379	3.5	2.9	8.1	12.0	113	7.7	4.2	20.8

Option -MFL (70W)

SC: 0.7
 Effic: 56.8%
 ITL Test: 67835



D	FC	L	W	CB	D	FC	L	W	CB
4.0	624	3.4	3.2	2.3	2.0	1125	1.4	1.9	3.5
6.0	277	5.1	4.8	3.5	3.0	500	2.1	2.8	5.2
7.0	204	6.0	5.6	4.0	4.0	281	2.8	3.8	6.9
8.0	156	6.8	6.4	4.6	5.0	180	3.5	4.7	8.7
9.0	123	7.7	7.2	5.2	6.0	125	4.2	5.6	10.4
10.0	100	8.5	8.0	5.8	8.0	70	5.7	7.5	13.9
12.0	69	10.2	9.6	6.9	10.0	45	7.1	9.4	17.3
14.0	51	12.0	11.2	8.1	12.0	31	8.5	11.3	20.8

Photometry based on: 14,000 lumens - 150W

Options

Distributions

- SPT Spot distribution. (0.2 SC)
- MFL Medium flood distribution. (0.7 SC)

Lower Reflector (Self-Flanged)

- 30 All White. (CP x 1.1)
- 31 White flange (only).
- 32 White trim extender to cover larger ceiling opening. Specify outer square dimension.
- 45 Gasket above flange. Stops dust streaks on ceiling.
- 70 Clear SofTex. (CP x .92)
- 94 Custom color. Consult factory.

Relays, Standbys, Lamps

- 49 Extra circuit DCB socket (up to 75W). Do not energize simultaneously with main source. Also see Option -LS.
- 65 Electronic standby system and DCB socket (up to 75W). Provides immediate light until CMH restrikes. Also see Options -66 and -LS.
- 66 Electronic time delay standby system and DCB socket (up to 75W). Provides light until CMH reaches 70% output. Also see Option -LS.
- LP With lamp. Specify source, wattage, color temperature / brand. 3000°K standard; consult factory for others.
- LS With T4 DCB tungsten halogen standby lamp (75W). Use only with Options -49, -65 or -66.

Wattage and Voltage

- 43 Lower wattage. T6: specify for 100W, 70W, 39W or Type IC 20W.
- 347 347 volt.
- 97 Other input voltage instead. Consult factory.

Other

- 99 Special modification. Consult factory.
- TA Top access; for servicing from above ceiling.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

LIMITED WARRANTY: KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price or proportion of the purchase price as determined by the manufacturer. This warranty is void if the fixture is not installed or used in accordance with the instructions or if the fixture is altered, modified, or if the fixture is used in an application not intended by the manufacturer. The manufacturer will not be responsible for any damage to property or persons caused by the use of the fixture in any manner not intended by the manufacturer. This warranty is void if the fixture is used in an application not intended by the manufacturer. The manufacturer will not be responsible for any damage to property or persons caused by the use of the fixture in any manner not intended by the manufacturer.