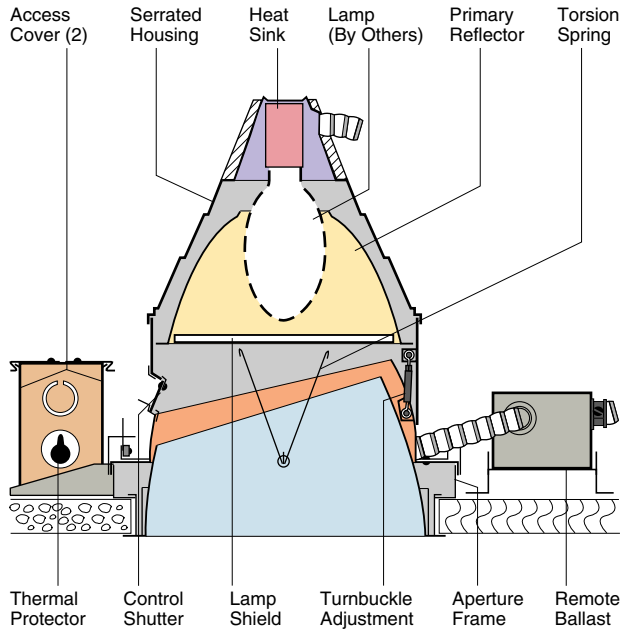


R7383 DISCONTINUED R26

Contact Factory

Narrow Distribution Directional 400W Metal Halide Lamp 15 1/4" Conoid Aperture



Optics and Applications

The primary reflector produces a narrow controlled beam for high bay applications. The parabolic shielding cone controls brightness. Clear lamps produce a tight pattern, coated lamps somewhat wider. Use in atriums, malls, convention centers, transportation terminals etc.

Design Features

For straight downlighting in sloped ceilings or directional downlighting in flat ceilings. Angulation to 30° with full circle rotation and positive locking, A turnbuckle fine adjustment permits precise increments in aiming angles. A heavy cast aluminum heat sink assures cool operation. The hydroformed serrated aluminum housing aligns and protects the reflectors. Maximum ceiling thickness 2". Top or bottom aiming or relamping.

Finish

A specular clear Alzak cone is standard. Optional colors and Softglow® finishes are available. Structural parts are painted optical matte black to suppress stray light leaks.

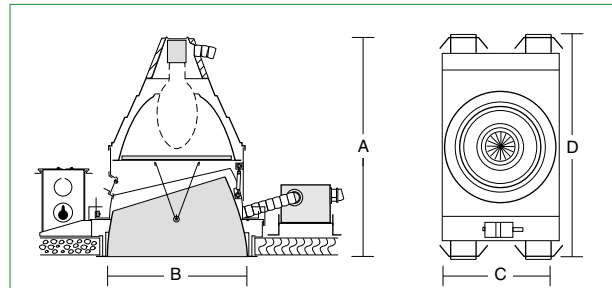
Ballast

CWA, encased and potted magnetic, high power factor with dual taps for 120V or 277V. Shipped for 277V, field conversion to 120V with a simple splice. Thermally protected with automatic reset. Operating temperature range from -20° F to 130° F. Mounted on a saddle plate with 4' of flex. Removable through the aperture for service.

General

Fixtures are pre-wired and thermally protected, UL and C-UL listed for eight wire 75°C branch circuit wiring. Union made IBEW. Luminaire Efficiency Ratings (LER) do not apply to directionals.

Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamp
R7383	25" 635mm	15 1/4" 387mm	21" 533mm	34" 864mm	400W MH E-37 or BT-37

Accessories

- R2 26" support rails.
- R5 52" support rails.
- B Specular black cone.
- G Specular gold cone.
- H Specular mocha cone.
- P Specular graphite cone.
- S Softglow® finishes: add S before color letters. e.g. SW for Softglow® wheat cone, SC for Softglow® clear cone.
- OP Open construction, no lamp shield.
- EC Emergency circuit with mini-can socket and leads.
- AO Instant restrike Auto-On system. Maximum aux. 250W T-4.
- V347 347 volt ballast, contact the factory.
- PUL Pulse start ballast, contact the factory.
- F Ballast fuse.
- WT White trim flange.
- T Specular titanium cone.
- W Specular wheat cone.
- Y Specular pewter cone.
- Z Specular bronze cone.

Matching Units

- Lower wattage directionals Page R25
- Straight downlights Pages R21, R22, R23, R24
- Surface cylinders Pages S1, S2, S3



Kurt Versen Company Point Source Lighting
Westwood, New Jersey 07675

R26 R7383

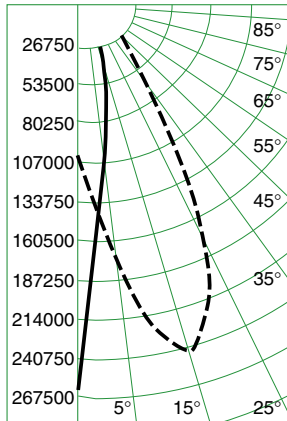
Footcandle Values at Nadir

Distance	40'			50'			60'			70'												
	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°										
Lamps	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam							
R7383 400W E-37 Clear	166	63	7'	34	14'		106	40	9'	22	18'		74	28	10'	15	21'	54	21	12'	11	25'

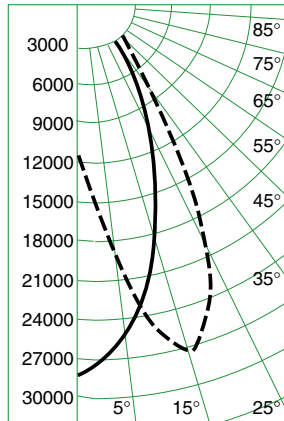
Distance	20'			30'			40'			50'												
	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°										
Lamps	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam							
R7383 400W E-37 Coated	69	52	7'	42	11'		30	23	11'	19	16'		17	13	14'	10	21'	11	8	18'	7	27'

See note 5.

Candlepower Distribution



R7383 400W E-37 Clear
Eff. 62% S/M .14



R7383 400W E-37 Coated
Eff. 42% S/M .64

Candelas

°	Clear	Coated
	0	40000*
0	265937	27447
5	101740	25133
10	57035	21587
15	38006	18505
20	19259	14032
25	9231	9406
30	4281	6168
35	931	3700
40	176	2003
45	50	1078
50	29	462
55	8	307
60	0	154
65	0	47
70	0	10
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens

Notes

- 1 Data derived with a clear specular cone.
- 2 Specular colored cone multipliers, coated lamps:
Wheat x .94, Pewter x .91, Mocha x .90,
Graphite x .89, Titanium x .89, Bronze x .88,
Black x .72.
- 3 Specular colored cone multipliers, clear lamps:
Gold x .98, Wheat x .98, Pewter x .96, Mocha x .95,
Graphite x .95, Titanium x .95, Bronze x .94,
Black x .80.
- 4 Candlepower distribution curves: solid lines show horizontal distribution at nadir, dotted lines show horizontal distribution at 5° lamp tilt.
- 5 Degree headings are measured from one side of nadir. Diameter data includes both sides. Therefore the 5° column describes a total 10° pattern diameter above the floor. Footcandle values are at the diameter edge. Values are determined with lamp tilt at 0°. Angulation changes all data.
- 6 Fixtures accept E-37 or BT-37 lamps.
- 7 Brightness data from the Average Luminance Method are inaccurate for downlights. They are theoretical calculations for large surfaces such as troffer lenses. We recommend the stricter standard of Maximum Brightness Method point data from direct photometer readings. They approximate what the human eye perceives when evaluating glare. For more information refer to Z section brochure Z1.

Brightness

Number	Lamps	85°	75°	65°	55°	45°
R7383	400W E-37 Clear	41	89	210	459	8607
	400W E-37 Coated	37	67	121	280	5833

Data in footlamberts. Photometer readings, Maximum Brightness Method. Data collected with lamps tilted 15°. See note 7.