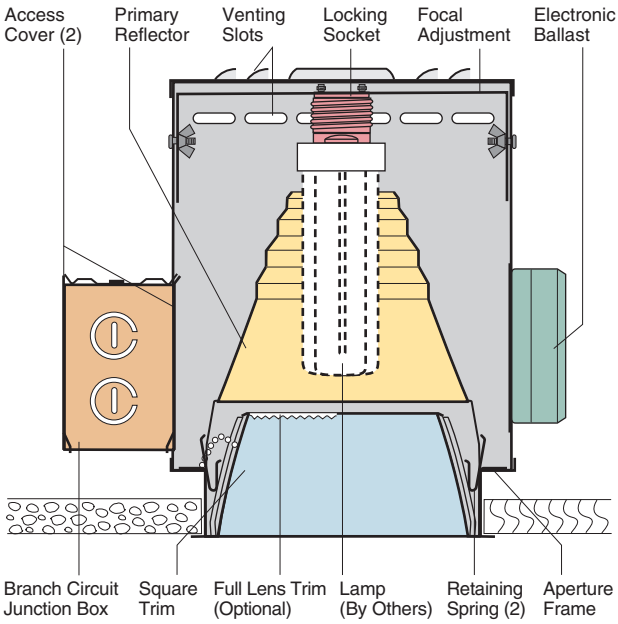
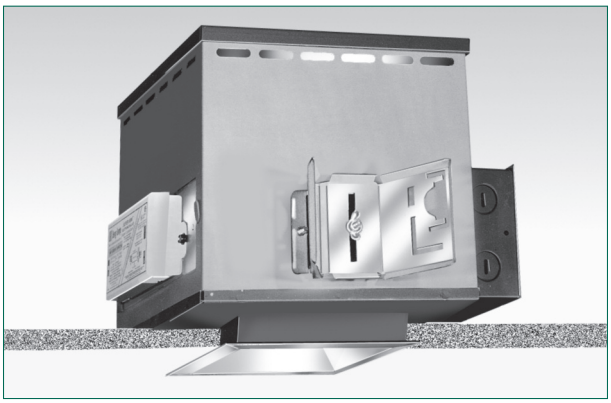
kurt versen

DATE:_____ TYPE: _____

PROJECT:_____





H8632

Compact Fluorescent Downlight
One 26-32-42W Triple Tube
6" Square Parabolic Trim

Optics and Applications
The primary reflector has a unique faceted shape designed for triple tube lamps. Distribution is for general use or task lighting.

Design Features
Steel housings protect and align reflectors and lamps. A safety locking socket prevents lamp fallout. Trims are stabilized to prevent racking and are retained by constant pressure springs. Maximum ceiling thickness 1½". Top or bottom service.

Finish
Structural parts are painted matte black to suppress stray light leaks. Standard trims are anodized Softglow® clear. A variety of colors are available.

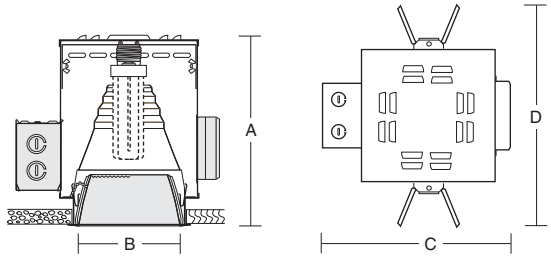
Ballast
Programmed rapid start, microprocessor controlled for rated lamp life and end of lamp life protection. Input voltage range is from 120V through 277V. Operates 26W, 32W or 42W triple tube lamps. Power factor .98. Starting temperature 0° F (-18°C), THD <10%.

General
Fixtures are pre-wired, UL and C-UL listed for eight wire 75°C branch circuit wiring. Suitable for damp locations. All products are union made. Designed and manufactured in the USA.

Warranty
5 Year Warranty. See www.kurtversen.com for details or select hyperlink.

Accessories
SB	Softglow black.
SG	Softglow gold.
SW	Softglow wheat.
SY	Softglow pewter.
R2	26" support rails.
R5	52" support rails.
FLT6	Full lens trim, specify lens type, e.g. H8632-FLT6LL.
DM	Dimming ballast -5%.
DM1	1% Lutron. Specify watts and volts.
EM	Emergency power includes integral charger light and test switch visible through aperture. Battery operation for 90 minutes.
WRL	Wattage restriction label, specify wattage.
WT	White trim flange.
WHT	White complete trim.
LL	Linear spread lens.
SO	Solite lens.
FR	Frosting on lens, specify lens type.

Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
H8632	11¼" 286mm	6" sq. 153mm	12" 305mm	14" 356mm	26-32-42W Triple Tube compact fluorescent

HUBBELL Lighting

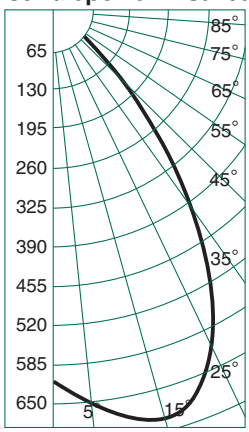
H8632

Cut out dimensions: 6 21/32". Outer flange dimension: 7 1/8".

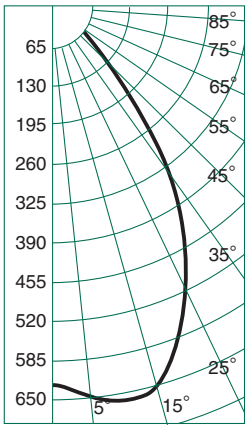
Performance Datachart

Single Unit, Initial Footcandles, 30" Work Plane							Ceiling to Floor	Multiple Units, Initial Footcandles, 30" Work Plane			
H8632 One 32W Philips Read Top Data H8632 One 32W Osram Read Bottom Data								Ceiling 80% Walls 50% Floor 20%			
Nadir	10°		20°		30°			Spacing is Maximum Over Work Plane			
FC	FC	Diam	FC	Diam	FC	Diam		Spacing	RCR 1	RCR 3	RCR 8
20 21	21 21	2' 2'	18 17	4' 4'	11 9	6' 6'	8'	7' 6'	24 28	20 24	14 16
15 15	15 15	2' 2'	13 12	5' 5'	8 7	8' 8'	9'	8' 7'	17 20	14 17	10 11
11 11	12 11	3' 3'	10 9	5' 5'	6 5	9' 9'	10'	9' 8'	13 15	11 13	8 9
9 9	9 9	3' 3'	8 7	6' 6'	5 4	10' 10'	11'	10' 9'	10 12	8 10	6 7
7 7	7 7	3' 3'	6 6	7' 7'	4 3	11' 11'	12'	11' 10'	8 9	7 8	5 5

Candlepower Distribution



H8632 32W Philips
Eff 39% S/M 1.19



H8632 32W Osram
Eff. 36% S/M 1.07

Candelas

	P 32W	O 32W
°	2400*	2400*
0	620	629
5	643	650
10	678	663
15	692	648
20	673	602
25	615	529
30	517	434
35	389	339
40	283	252
45	174	166
50	41	81
55	15	25
60	11	14
65	0	10
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens

Coefficients of Utilization

Ceiling	80%				70%		50%		30%		0
Wall %	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Floor Reflectance 20%										
1	.44	.43	.42	.41	.42	.40	.40	.39	.39	.38	.36
2	.42	.40	.38	.36	.39	.36	.38	.35	.36	.34	.33
3	.39	.36	.34	.33	.36	.32	.35	.32	.34	.31	.30
4	.37	.34	.31	.30	.33	.29	.32	.29	.32	.29	.28
5	.35	.31	.29	.27	.31	.27	.30	.26	.29	.26	.25
6	.33	.29	.26	.25	.29	.24	.28	.24	.27	.24	.23
7	.31	.27	.24	.23	.27	.22	.26	.22	.26	.22	.21
8	.29	.25	.22	.21	.25	.21	.24	.21	.24	.20	.20
9	.28	.23	.21	.19	.23	.19	.23	.19	.22	.19	.18
10	.26	.22	.19	.18	.22	.18	.21	.18	.21	.18	.17

H8632 Osram 32W Triple Tube x .93

Notes

1 For solite spread lens multiply data x .88.

2 All data with standard trim, Softglow® clear.

3 Datachart degree headings measure one side from nadir. Diameter data includes both sides. Therefore the 20° column value describes a 40° pattern diameter at the work plane 30" above the floor. Footcandle values are at the diameter edge.

4 Datachart spacing is rounded off to the nearest foot.

5 Data by IES methods. Compact fluorescent data vary due to lamp lumen differences, power input, burning position, ambient temperature and ballast characteristics. A modification factor should be applied.

6 Colored trim multipliers: Gold x .90, Wheat x .85, Pewter x .80, Black x .70.

Brightness

Number	Lamps	85°	75°	65°	55°	45°
H8632	32W PL-T Philips	55	132	224	391	10904
	32W T/E Osram/Syl	32	84	148	247	9212

Data in footlamberts. Photometer readings, Maximum Brightness Method.