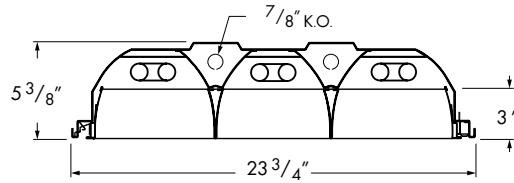
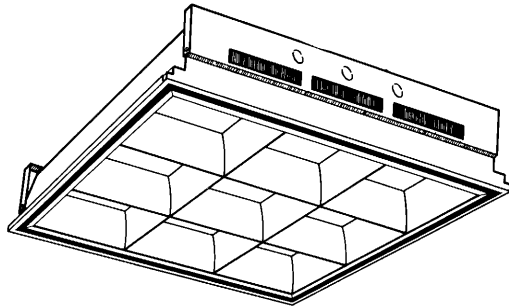


9 CELL 2' X 2' PARABOLIC, 3" LOUVER

SERIES **U 3**
 VOLTAGE TYPE JOB _____



Featuring the patented, inverted louver design for greater efficiency and crisp, clean appearance



3 lamp

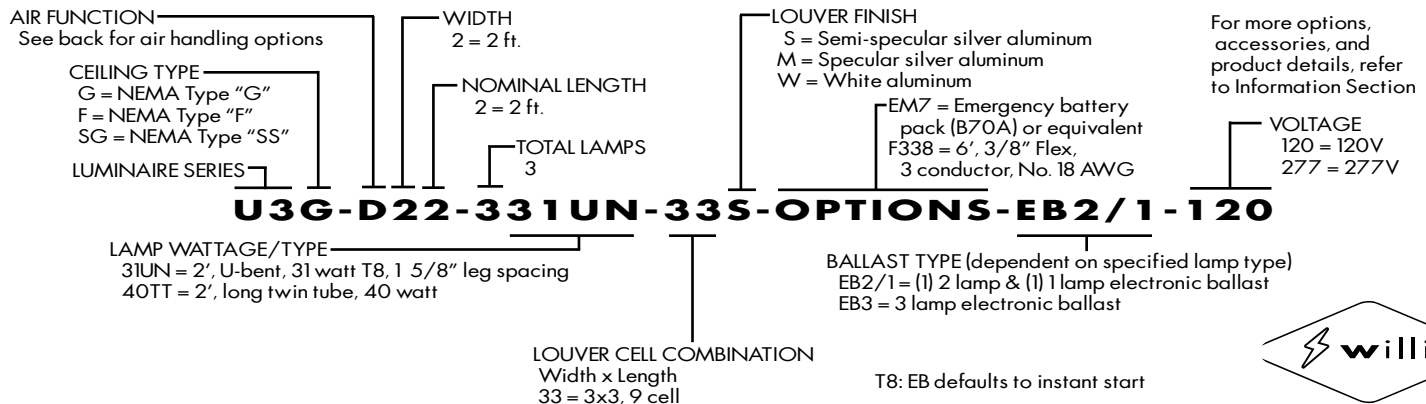
SPECIFICATIONS

- HOUSING – 22 Ga. die formed C.R.S.
- DOOR FRAME – Fully enclosed, spring-loaded cam latches and T-type hinges. Concealed 22 Ga. C.R.S. frame riveted to louver
- PARABOLIC LOUVER – .020" thick semi-specular low iridescent aluminum standard with tab-and-slot construction. Patented (No. 5,678,922) inverted parabolic louver design
- FINISH – white powder coating with 5-stage iron/phosphate prepared metal. 92% minimum average reflectance
- ELECTRICAL – electronic ballast standard (where available), rated Class P
- LABELS – UL listed as recessed fluorescent fixture suitable for dry or damp locations
- MOUNTING – NEMA Type "G" standard. NEMA Type "F" and "SS" available

FEATURES

- .020" thick, semi-specular, low iridescent, anodized aluminum louver ensures superior, enduring performance
- Full 3" parabolic louver assists in glare reduction
- Patented, inverted louver design provides crisp lines and eliminates crazing at bottom edge of louver
- Fully enclosed, spring-loaded cam latches allow years of hassle-free maintenance
- T-slot steel hinge allows for reversible hinging and latching
- T-slot steel hinge assures positive retention when door is opened
- Field convertible to NEMA Type "F"
- Ballast secured by 2 captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation and minimal ballast noise
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit rusting

SUBMITTAL INFORMATION

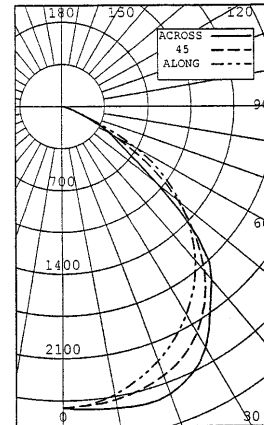


Williams Catalog #U3G-D22-331UN-33S-EB2
 Test Report #14679, Dated 6/12/00

Lamp Type: FB32T8/6U
 Lamp Quantity: 3

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	2508.	2508.	2508.	
5	2489.	2496.	2529.	242
15	2351.	2439.	2567.	690
25	2141.	2304.	2466.	1056
35	1853.	2010.	2091.	1239
45	1477.	1528.	1567.	1164
55	1002.	876.	626.	754
65	344.	259.	277.	300
75	61.	49.	61.	64
85	10.	8.	9.	11
90	0.	0.	0.	



LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	1988.	24.32	36.03
0 - 40	3226.	39.47	58.47
0 - 60	5144.	62.93	93.21
0 - 90	5519.	67.51	100.0
40 - 90	2292.	28.04	41.53
60 - 90	374.	4.58	6.79
90 - 180	0.	.00	.00
Total Luminaire			
0-180	5519.	67.51	100.0

ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING	.80			.70			.50		
WALL RCR	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	.80	.80	.80	.79	.79	.79	.75	.75	.75
1	.75	.73	.71	.74	.72	.70	.69	.67	.66
2	.70	.66	.63	.69	.65	.62	.63	.60	.58
3	.65	.60	.56	.64	.59	.55	.57	.54	.51
4	.61	.54	.49	.59	.53	.49	.52	.48	.45
5	.56	.49	.44	.55	.48	.43	.47	.42	.39
6	.52	.44	.39	.51	.44	.39	.42	.38	.35
7	.48	.40	.35	.47	.39	.34	.38	.34	.31
8	.44	.36	.31	.43	.35	.30	.35	.30	.27
9	.41	.32	.27	.40	.32	.27	.31	.27	.23
10	.38	.29	.24	.37	.29	.24	.28	.24	.21

AVERAGE LUMINANCE - CD./SQ.M.

VERTICAL ANGLE	ALONG	45°	ACROSS
45	7167.	7444.	7634.
55	5994.	5260.	3760.
65	2793.	2111.	2261.
75	806.	646.	807.
85	389.	314.	369.

TOTAL LUMINAIRE

OPTICAL EFFICIENCY = **67.5 %**

SPACING CRITERIA: ACROSS= 1.3 ALONG= 1.2

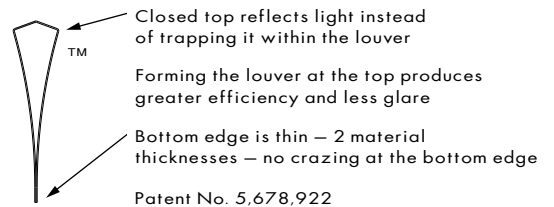
NEMA TYPE "F" INSTALLATION

Overall trim dimensions: 25 5/16" x 25 5/16"
 Recommended ceiling opening: 24 3/8" x 24 3/8"
 Swing-out bracket vertical adjust: 1 1/4" minimum
 to 4 3/8" maximum

NEMA TYPE "SS" 9/16" WIDE SLOT GRID INSTALLATION

Bottom of louver is 5/16" below bottom of fixture housing and is flush with the ceiling plane

INNOVATION



Patent No. 5,678,922

AIR FUNCTION CODE

- "D" style static fixtures are UL listed as recessed fluorescent fixture suitable for dry or damp locations
- All air handling styles are UL listed as recessed fluorescent fixture suitable for air handling use, for dry locations only
- Select air function required from table below. If function other than style "D" is required, change letter prefix to required function. [Example: If unit with supply/return air through side slots with adjustable air pattern control vane and non-adjustable heat extract through lamp cavity required, change "D" to "X" = U3G-X22-331UN-33S]

AIR FUNCTIONS	SUPPLY/RETURN AIR THROUGH SIDE SLOTS WITH ADJUSTABLE AIR PATTERN CONTROL VANE	SUPPLY/RETURN AIR THROUGH SIDE SLOTS WITHOUT CONTROL VANE	NO SIDE SLOTS
NON-ADJUSTABLE HEAT EXTRACT THROUGH LAMP CAVITY	X	F	G
NO HEAT EXTRACT THROUGH LAMP CAVITY	Z	E	D (STATIC)

Note: All of the above styles have full floating louver effect with black reveal around the entire perimeter of the louver

BACK VIEW

