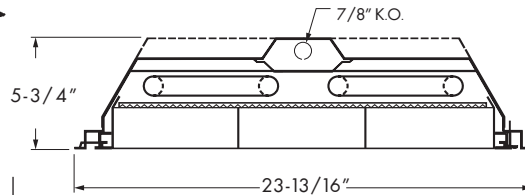
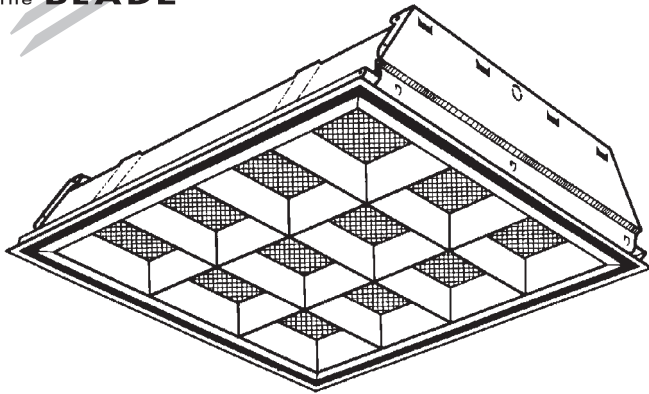


2, 3, or 4 LAMP 2' X 2' BLADE TROFFER

SERIES **BL**
 VOLTAGE TYPE JOB _____

the **BLADE**®



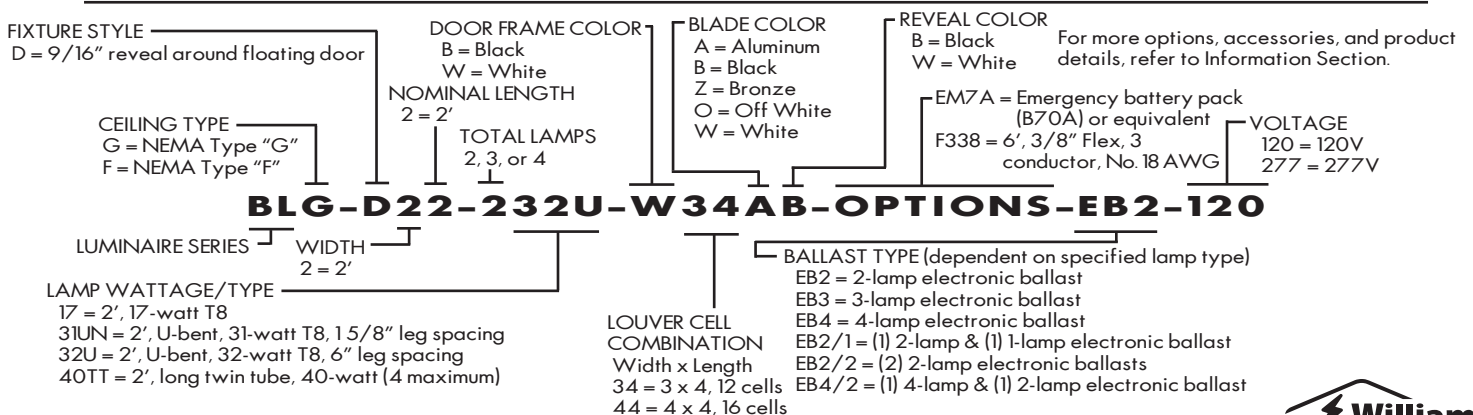
SPECIFICATIONS

- **Housing** – 22-gauge die-formed C.R.S.
- **Door Frame** – .050" extruded aluminum, flat with mitered corners. T-slot steel hinge allows reversible hinging and latching. Fully enclosed spring-loaded cam latches.
- **Shielding** – The BLADE® louver with #12 pattern, .125" acrylic prismatic overlay.
- **Finish** – 92% minimum average reflective white powder coat with multi-stage iron/phosphate prepared metal.
- **Electrical** – Electronic ballast standard, either instant start or programmed start, rated Class P.
- **Labels** – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations.
- **Mounting** – NEMA Type "G" standard. NEMA Type "F" available. Field convertible to NEMA Type "F".

FEATURES

- Five standard louver colors provide personalized decorative appeal – custom colors also available.
- Patented BLADE® louvers with acrylic prismatic overlay provide architectural appeal and excellent lamp shielding.
- Full reveal presents floating door appearance.
- 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".
- 5-3/4" housing with raised ballast wireway for maximum heat dissipation and superior optical efficiency.
- Fully gasketed door minimizes contaminants.
- Ballast secured by two 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 corrosion.

SUBMITTAL INFORMATION



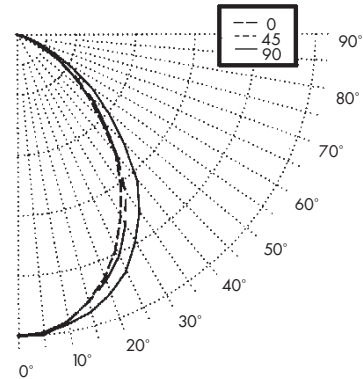
FLUORESCENT LIGHTING

Williams Catalog #BLG-D22-232U-W34AB-EB2-120
Test Report #8533.0, Dated 11/15/95

Lamp Type: FB032/835/6
Lamp Quantity: 2

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	1855.	1855.	1855.	
5	1857.	1841.	1842.	175.9
15	1705.	1708.	1769.	487.1
25	1459.	1509.	1611.	701.6
35	1139.	1190.	1337.	764.2
45	754.	789.	951.	629.9
55	429.	443.	578.	420.4
65	182.	167.	249.	186.7
75	67.	54.	79.	66.6
85	18.	16.	18.	19.1
90	0.	0.	0.	



ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING	.80			.70			.50			
	WALL	.70	.50	.30	.70	.50	.30	.50	.30	.10
0		.68	.68	.68	.67	.67	.67	.64	.64	.64
1		.64	.62	.60	.63	.61	.59	.59	.57	.56
2		.60	.56	.53	.59	.55	.53	.53	.51	.49
3		.56	.51	.48	.55	.50	.47	.49	.46	.43
4		.52	.46	.42	.51	.46	.42	.44	.41	.38
5		.48	.42	.38	.47	.41	.37	.40	.37	.34
6		.45	.38	.34	.44	.38	.34	.37	.33	.30
7		.42	.35	.30	.41	.34	.30	.33	.30	.27
8		.38	.31	.27	.38	.31	.27	.30	.27	.24
9		.36	.28	.24	.35	.28	.24	.27	.24	.21
10		.33	.26	.22	.32	.26	.22	.25	.21	.19

LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	1365.	22.7	39.5
0 - 40	2129.	35.5	61.7
0 - 60	3179.	53.0	92.1
0 - 90	3452.	57.5	100.0
90 - 120	0.	0.	0.
90 - 130	0.	0.	0.
90 - 150	0.	0.	0.
90 - 180	0.	0.	0.
Total Luminaire			
0-180	3452.	57.5	100.0

TOTAL LUMINAIRE OPTICAL EFFICIENCY = 57.5 %

SPACING CRITERIA: ACROSS= 1.2 ALONG= 1.1

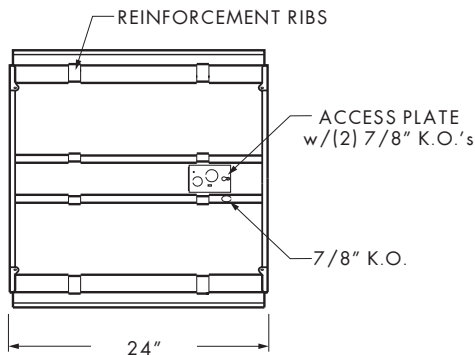
MULTIPLIERS FOR CU TABLE

Approximate CU values can be calculated for luminaires and Blade® colors by using the multipliers from the table below.

CATALOG NO.	BLADE® COLOR				
	White (W)	Off-White (O)	Alum. (A)	Bronze (Z)	Black (B)
BLG-D22-232U-W34_B	126	125	100	0.86	0.81
BLG-D22-232U-W44_B	123	121	0.93	0.79	0.74

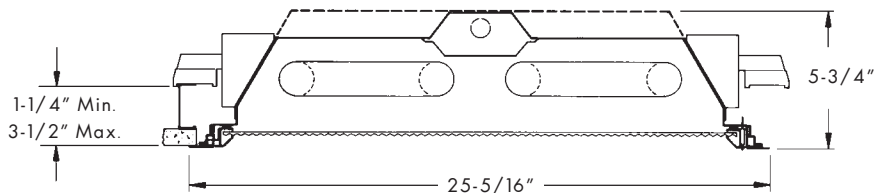
Select required catalog number at left, read across to The BLADE® color desired to find multiplier for CU table.

BACK VIEW



CROSS SECTION

NEMA TYPE "F" INSTALLATION



H. E. WILLIAMS, INC.

MAXIMUM RECOMMENDED CEILING OPENING IS 24-3/8" X 24-3/8"