

**2, 3, or 4 Lamp
T5, T5HO, T8, or CF TT5
Recessed Direct/Indirect**

APPLICATION

- Architectural recessed direct/indirect lighting for glare free illumination.
- Suitable for grid inverted T (Nema "G") ceilings. Flange type ceilings (Nema "F") require independently mounted flange kits (FMA).
- Fully recessed mounting, suitable for row mounting.

CONSTRUCTION/FINISH

- Top reflector and end panels are formed together with no gaps.
- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through lamp compartment.
- Optional hold down clips available (order separately: cat # AVHD).

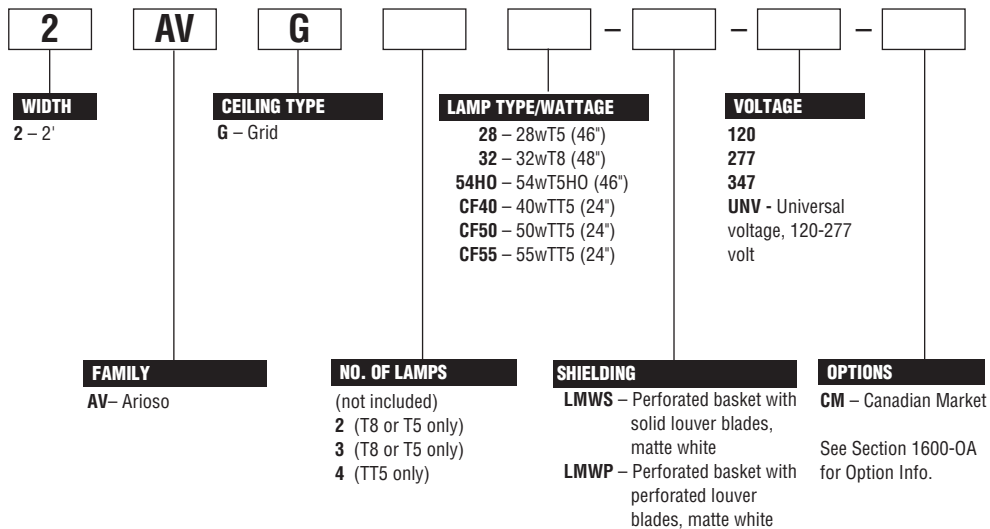
ELECTRICAL

- Class P, HPF ballasts comply with Federal Ballast Law (Public Law 100-357,1988).
- UL listed for damp locations. C.S.A. certified optional.
- Self-contained fluorescent emergency power pack can be incorporated.

ENCLOSURES

- Flat blade louver with white overlay and perforated curved side panels.
- Bottom of louver is curved to match lamp shield contour.
- Choice of white micro-perforated blade or white solid blade.
- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances between reflected and direct light.
- Swing down lamp shield for easy relamping.

CATALOG NUMBER

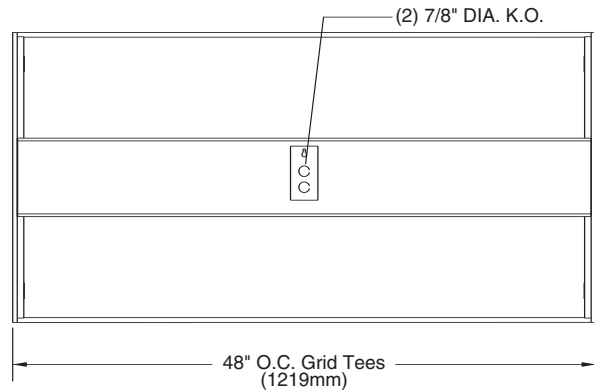
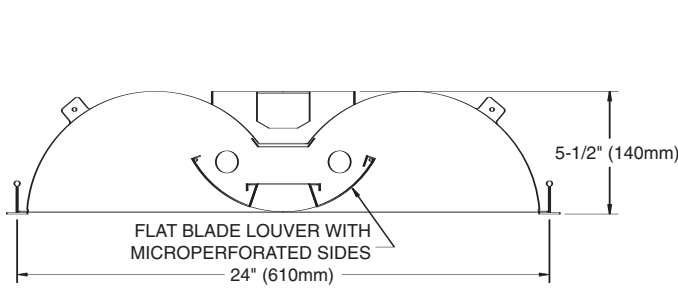


NOTES:

- With generic Electronic Ballasts (Brand selected by Day-Brite)
Suffix Catalog # with- **Ballast Quantity** - / - **EB Lamps Per Ballast.**

Example: -1/2-EB = One 2 Lamp Electronic Ballast.

DIMENSIONS



PHOTOMETRIC DATA

CATALOG # 2AVG332-LMWS-1/21-EB
TEST #F23585 S/MH= 1.3

LAMPS = F32T8

INPUT WATTS = 88

BALLAST = ELECTRONIC

BALLAST FACTOR = .88

LER = 51

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.71 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 59.8%

| CANDLEPOWER | | | |
|-------------|------|------|-------|
| Angle | End | 45 | Cross |
| 0 | 1810 | 1810 | 1810 |
| 5 | 1802 | 1799 | 1797 |
| 10 | 1758 | 1769 | 1782 |
| 15 | 1699 | 1720 | 1757 |
| 20 | 1621 | 1665 | 1726 |
| 25 | 1530 | 1594 | 1674 |
| 20 | 1427 | 1515 | 1611 |
| 35 | 1314 | 1422 | 1535 |
| 40 | 1192 | 1317 | 1438 |
| 45 | 1059 | 1208 | 1328 |
| 50 | 914 | 1086 | 1203 |
| 55 | 775 | 952 | 1071 |
| 60 | 653 | 812 | 918 |
| 65 | 532 | 674 | 722 |
| 70 | 413 | 516 | 456 |
| 75 | 300 | 323 | 293 |
| 80 | 189 | 167 | 177 |
| 85 | 84 | 74 | 74 |

| MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture* | | | | | | |
|---|--------------------------|------------------------------------|---------|---------|---------|----------|
| <ul style="list-style-type: none"> 80-50-20 Reflectances (Ceiling-Wall-Floor) LLF = 0.75 2850 Lumens/Lamp very clean Room width divided by room height = 5 or more, 2 or 1 | | | | | | |
| Fixture Size & # of Lamps | Room Width Room Height = | Approx. Area (sq. ft.) per Fixture | | | | |
| | | 10 ft-c | 30 ft-c | 50 ft-c | 70 ft-c | 100 ft-c |
| 2' X 4' | 5 | - | 134 | 80 | 57 | 40 |
| 3 Lamp | 2 | - | 90 | 54 | 39 | - |
| | 1 | - | 66 | 39 | - | - |

*Observe Fixture S/MH Requirements for Specific Applications

| AVERAGE LUMINANCE CD/SQ.M WITH 2850 LUMEN LAMPS | | | |
|---|------|------|-------|
| ANGLE | END | 45° | CROSS |
| 45 | 2125 | 2424 | 2665 |
| 55 | 1917 | 2355 | 2649 |
| 65 | 1786 | 2263 | 2424 |
| 75 | 1645 | 1771 | 1606 |
| 85 | 1367 | 1205 | 1205 |

| Room Size | TYPICAL V.C.P.'s Mounting Height | | | |
|-----------|----------------------------------|----|-----|----|
| | 8.5 | 10 | 8.5 | 10 |
| 30x30 | 56 | 60 | 55 | 58 |
| 40x40 | 55 | 57 | 55 | 56 |
| 60x30 | 60 | 63 | 59 | 62 |
| 60x60 | 54 | 55 | 55 | 55 |
| 100x100 | 55 | 55 | 57 | 56 |

| COEFFICIENT OF UTILIZATION | | | | | | |
|----------------------------|----|----|----|----|----|----|
| p/c p/c p/w RCR | 20 | | 70 | | 50 | |
| | 70 | 50 | 30 | 70 | 50 | 30 |
| 0 | 70 | 70 | 70 | 69 | 69 | 66 |
| 1 | 65 | 61 | 59 | 63 | 60 | 57 |
| 2 | 58 | 54 | 50 | 57 | 53 | 48 |
| 3 | 54 | 47 | 42 | 52 | 46 | 41 |
| 4 | 48 | 41 | 36 | 47 | 40 | 35 |
| 5 | 45 | 38 | 32 | 44 | 36 | 32 |
| 6 | 41 | 34 | 28 | 40 | 33 | 28 |
| 7 | 39 | 30 | 25 | 38 | 29 | 25 |
| 8 | 35 | 28 | 23 | 34 | 28 | 23 |
| 9 | 34 | 26 | 20 | 33 | 25 | 20 |
| 10 | 32 | 23 | 19 | 30 | 23 | 19 |

| LIGHT DISTRIBUTION | | | |
|--------------------|--------|--------|-----------|
| DEGREES | LUMENS | % LAMP | % FIXTURE |
| 0-30 | 1394 | 16.3 | 27.3 |
| 0-40 | 2283 | 26.7 | 44.7 |
| 0-60 | 4044 | 47.3 | 79.1 |
| 0-90 | 5111 | 59.8 | 100.0 |

LLF = .75 LLF = LIGHT LOSS FACTOR LLF = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90
LLD = 0.91 @ 40% RATED LAMP LIFE BF = .88 ELECTRONIC BALLAST & F32T8 LAMP (RELAMP AT 70% LAMP LIFE)