

FV™ Series Nonmetallic Fluorescent Luminaires

For Hazardous and Adverse Locations

Class I, Division 2, Groups A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G

Marine Type Electric Fixture
Outside Type (Salt Water) *
Type 4X
Wet Locations

Applications

- For use in hazardous locations defined by the NEC as Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Marine Outdoor Salt Water; UL1598A; Type 4X; and Class I, Zone 2 II C.
- For use in locations where a high degree of corrosion resistance is required.
- For indoor or outdoor use where protection against dirt, water and moisture is necessary.
- Typical applications include oil refineries, petrochemical facilities, pulp and paper mills, food processing plants, warehouses, underground tunnels and general manufacturing facilities.

Features

- Stainless steel hubs (3/4") provided as standard.
- Ballast options for nearly all U.S. and foreign voltage and frequency combinations are available.
- Low operating costs provide more lumens per Watt than incandescent fixtures.
- Impact-resistant polycarbonate lens is hinged to allow easy access to lamp compartment.
- Corrosion-resistant fiberglass reinforced polyester housing.
- Actuator allows access to lamps and ballast compartment – no tools required.
- Latch assembly and elastomer type gasket provide positive seal from water ingress.
- Safety switch (supplied as standard) disconnects power to lamps and ballast when lens is open.
- Reflector is hinged for easy single-handed entry to ballast compartment.
- Actuator can be removed for tamper-resistant applications.

Standard Materials

- Housing: fiberglass reinforced polyester
- Lens: polycarbonate
- Gasket: elastomer
- Hubs: stainless steel
- Lampholders: polycarbonate
- Internal reflector: highly reflective white polycarbonate
- Fixed surface mount: (2) 14-gauge stainless steel
- Adjustable wall mount: (2) copperfree (4/10 of 1% max.) aluminum
- 45° fixed wall mount: (2) 11-gauge (1/8") stainless steel
- Chain ring bolt: set of 2 zinc plated steel (internal diameter .78")

Options

- Individually fused ballast. Add suffix **-F**.
- Terminal block. Add suffix **-T**.
- Emergency battery pack. Add suffix **-EL**.
- Emergency light capability in moments of power interruption. Luminaire automatically switches to emergency mode, keeping one lamp illuminated for a minimum of 90 minutes. When AC power is restored, battery automatically recharges in 24 hours. Initial light output is 600-700 lumens.



Compliances and Certifications

- UL Standard: UL 1598, UL 844, UL 60079-0, UL 60079-15, Marine Listed UL 1598A*
- UL Listed: E10794
- CSA Standard: C22.2 No. 250, C22.2 No. 137, CAN E60079-0, CAN E60079-15
- cUL Listed: E10794

* Does not apply to fixtures with fusing.

FV™ Series Nonmetallic Fluorescent Luminaires

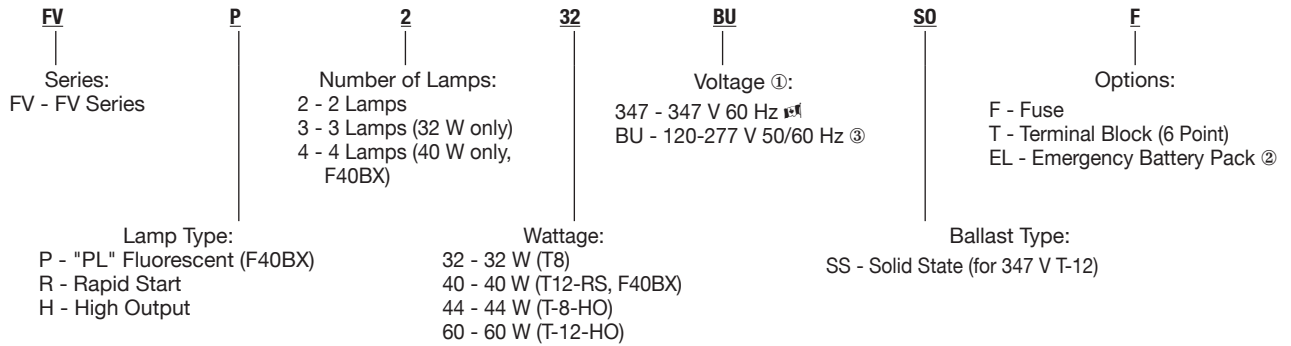
For Hazardous and Adverse Locations



Class I, Division 2, Groups A, B, C, D
 Class I, Zone 2, Group IIC
 Class II Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G

Marine Type Electric Fixture
 Outside Type (Salt Water) *
 Type 4X
 Wet Locations

Order using catalog numbering guide below or select catalog number from tables on following pages.

Catalog Numbering Guide For FV Series Nonmetallic Fluorescent Luminaires



| | Number of Lamps ⑥ | Lamp Watts | Lamp Type | Hub Size (Inches) | Overall Fixture Length (Inches/Millimeters) | Volts | Catalog Number ⑦ |
|---|-------------------|------------|-----------|-------------------|---|---------|----------------------|
|  | 2 | 40 | F40BX | 3/4 | 31/787.4 | 120-277 | FVP240BU |
| | 2 | 40 | F40BX | 3/4 | 31/787.4 | 347 | FVP240-347 |
| | 4 | 40 | F40BX | 3/4 | 55/1397 | 120-277 | FVP440BU |
| | 4 | 40 | F40BX | 3/4 | 55/1397 | 347 | FVP440-347 |
| | 2 | 32 | T8 | 3/4 | 55/1397 | 120-277 | FVR232BU |
| | 2 | 32 | T8 | 3/4 | 55/1397 | 347 | FVR232-347SO |
| | 2 | 44 | T8-HO | 3/4 | 55/1397 | 120-277 | FVH244BU |
| | 2 | 44 | T8-HO | 3/4 | 55/1397 | 347 | FVH244-347SO |
| | 2 | 40 | T12 | 3/4 | 55/1397 | 120-277 | FVR240BU |
| | 2 | 40 | T12 | 3/4 | 55/1397 | 347 | FVR240-347SS |
|  | 2 | 60 | T12-HO | 3/4 | 55/1397 | 120-277 | FVH260BU |
| | 2 | 60 | T12-HO | 3/4 | 55/1397 | 347 | FVH260-347SS |
| | 3 | 32 | T8 | 3/4 | 55/1397 | 120-277 | FVR332BU |
| | 3 | 32 | T8 | 3/4 | 55/1397 | 347 | FVR332-347SO |

Note: BU ballasts are auto-sensing, solid state for any voltage between 120 and 277 V, 50 or 60 Hz.

* Does not apply to fixtures with fusing.

① Consult factory for availability of specific voltages.

② 4' fixture only.

③ 32 W SS Octron and F40BX only.





CSA Certification only.

FV™ Series Nonmetallic Fluorescent Luminaires

For Hazardous and Adverse Locations

Class I, Division 2, Groups A, B, C, D
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 Class II Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G

Marine Type Electric Fixture
 Outside Type (Salt Water) *
 Type 4X
 Wet Locations

| | Description | Standard Materials | Catalog Number |
|--|----------------------------------|--|----------------|
|  | Surface Mount (set of 2) | 14-gauge stainless steel | FVSM |
|  | Adjustable Wall Mount (set of 2) | Copperfree (4/10 of 1% max.) aluminum | FVWAM |
|  | Fixed 45° Wall Mount (set of 2) | 11-gauge (1/8") stainless steel | FVWFM |
|  | Chain Mount (set of 2) | Zinc plated steel M8 ring bolts (chain not provided) | FVCM |

Technical Data — Thermal Performance of FV Series Fixtures

For supply connection, use wire rated 167 °F/75 °C.

| Fixture | Quantity | Lamp Watt | Lamp Type | Lamp Lumens | Min. Start Temp (°C/°F) | Ambient Temp. (°C/°F) | "T" Numbers |
|-----------------------------|----------|-----------|-----------|-------------|-------------------------|-----------------------|-------------|
| FVP240BU | 2 | 40 | F40BX | 3300 | -18/0 | 40/104 | T4 |
| FVP240-347 ^{CSA} | 2 | 40 | F40BX | 3300 | -18/0 | 40/104 | T4 |
| FVP440BU | 4 | 40 | F40BX | 3300 | -18/0 | 40/104 | T4 |
| FVP440-347 ^{CSA} | 4 | 40 | F40BX | 3300 | -18/0 | 40/104 | T4 |
| FVR232BU | 2 | 32 | T8-RS | 2850 | -18/0 | 40/104 | T6 |
| FVR232-347S0 | 2 | 32 | T8-RS | 2850 | -18/0 | 40/104 | T6 |
| FVH244-BU | 2 | 44 | T8-HO | 4050 | -10/14 | 40/104 | T6 |
| FVH244-347S0 ^{CSA} | 2 | 44 | T8-HO | 4050 | -10/14 | 40/104 | T6 |
| FVR240BU | 2 | 40 | T12-RS | 3050 | 18/0 | 40/104 | T4A |
| FVR240-347SS ^{CSA} | 2 | 40 | T12-HO | 3050 | 10/50 | 55/131 | T4A |
| FVH260BU | 2 | 60 | T12-HO | 4050 | -28/-20 | 55/131 | T4A |
| FVH260-347SS ^{CSA} | 2 | 60 | T12-HO | 4050 | -28/-20 | 40/104 | T4A |
| FVR332BU | 3 | 32 | T8-RS | 2850 | -18/0 | 40/104 | T6 |

* Does not apply to fixtures with fusing.

^{CSA} CSA Certification only.

Lighting

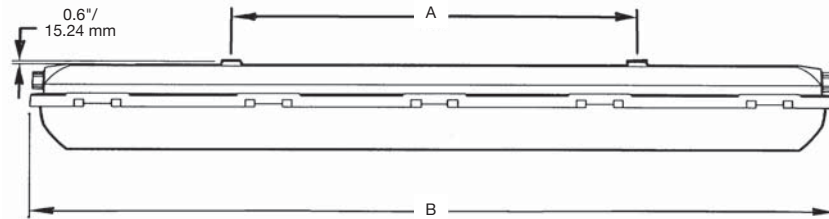
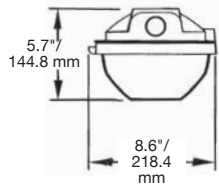
LIGHTING: ENCLOSED AND GASKETED — AREA — FLUORESCENT

FV™ Series Nonmetallic Fluorescent Luminaire Dimensions

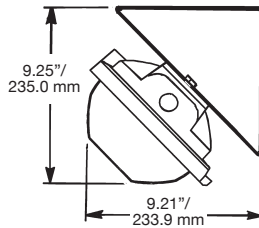
For Hazardous and Adverse Locations

Dimensions

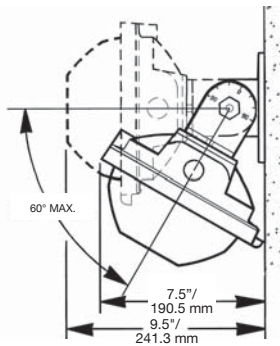
FV Series



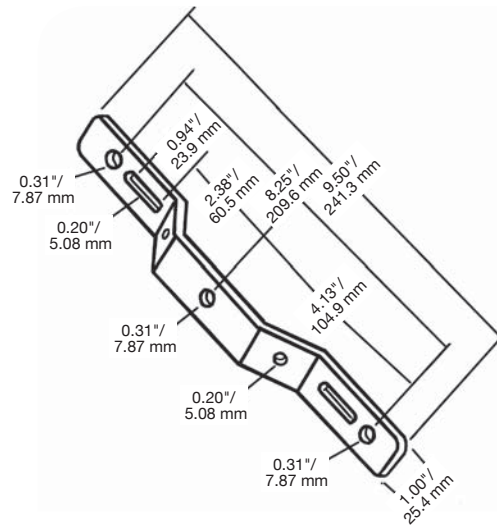
FVWFM



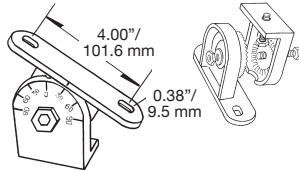
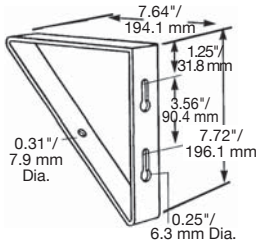
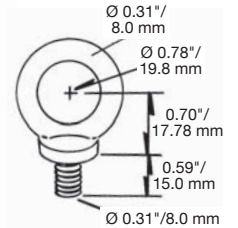
FVWAM



FVSM



FVCM



Mounting Centers and Overall Length

| | A | B |
|-------------|-----------------|------------------|
| 2 FT./0.6 M | 15.80"/401.3 mm | 31.00"/787.4 mm |
| 4 FT./1.2 M | 27.60"/701.0 mm | 55.00"/1397.0 mm |

Lighting

LIGHTING: ENCLOSED AND GASKETED – AREA – FLUORESCENT

FV™ Series Nonmetallic Fluorescent Luminaire Photometric Data

For Hazardous and Adverse Locations

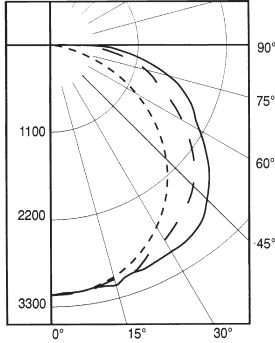
CIE TYPE – DIRECT

PLANE: 0 DEG. 90 DEG.

SPACING CRITERIA: 1.2 1.5

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | ZONAL LUMENS |
|----|------|------|------|--------------|
| 0 | 1705 | 1705 | 1705 | |
| 5 | 1701 | 1698 | 1687 | 161 |
| 15 | 1635 | 1642 | 1688 | 468 |
| 25 | 1513 | 1581 | 1660 | 731 |
| 35 | 1324 | 1492 | 1623 | 932 |
| 45 | 1085 | 1361 | 1516 | 1027 |
| 55 | 806 | 1161 | 1292 | 992 |
| 65 | 490 | 888 | 1065 | 836 |
| 75 | 197 | 644 | 821 | 619 |
| 85 | 32 | 360 | 497 | 351 |
| 90 | 12 | 257 | 399 | |



FVP 240, Two 40 W PL Lamps • Total Luminaire Efficiency = 92.7%

| Room Cavity Ratio | % Floors Rfc | % Ceiling Rcc | 20 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|--|
| | | | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | |
| | | | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 1.10 | 1.10 | 1.10 | 1.10 | 1.08 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | .99 | .99 | .99 | .95 | .95 | .95 | .93 | | | | | | | | |
| 1 | .99 | .93 | .89 | .84 | .96 | .91 | .87 | .83 | .87 | .83 | .80 | .83 | .80 | .78 | .80 | .78 | .75 | .73 | | | | | | | | |
| 2 | .89 | .80 | .73 | .67 | .86 | .78 | .72 | .66 | .75 | .69 | .64 | .72 | .67 | .63 | .69 | .65 | .61 | .59 | | | | | | | | |
| 3 | .80 | .69 | .61 | .54 | .78 | .68 | .60 | .54 | .65 | .58 | .53 | .62 | .57 | .52 | .60 | .55 | .51 | .49 | | | | | | | | |
| 4 | .73 | .61 | .52 | .45 | .71 | .60 | .51 | .44 | .57 | .50 | .44 | .55 | .49 | .44 | .53 | .48 | .43 | .41 | | | | | | | | |
| 5 | .67 | .54 | .45 | .39 | .65 | .53 | .45 | .38 | .51 | .44 | .38 | .49 | .43 | .37 | .47 | .42 | .37 | .35 | | | | | | | | |
| 6 | .62 | .49 | .40 | .33 | .60 | .48 | .39 | .33 | .46 | .38 | .33 | .44 | .38 | .33 | .43 | .37 | .32 | .30 | | | | | | | | |
| 7 | .57 | .44 | .35 | .29 | .55 | .43 | .35 | .29 | .42 | .34 | .29 | .40 | .34 | .29 | .39 | .33 | .28 | .26 | | | | | | | | |
| 8 | .53 | .40 | .32 | .26 | .52 | .39 | .31 | .26 | .38 | .31 | .25 | .37 | .30 | .25 | .36 | .30 | .25 | .23 | | | | | | | | |
| 9 | .50 | .37 | .29 | .23 | .48 | .36 | .28 | .23 | .35 | .28 | .23 | .34 | .27 | .23 | .33 | .27 | .23 | .21 | | | | | | | | |
| 10 | .46 | .34 | .26 | .21 | .45 | .33 | .26 | .21 | .32 | .25 | .21 | .31 | .25 | .21 | .30 | .24 | .20 | .19 | | | | | | | | |

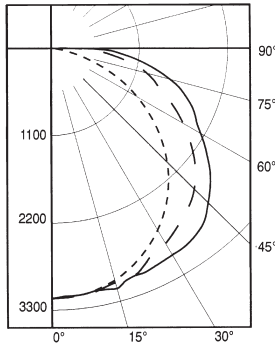
CIE TYPE – DIRECT

PLANE: 0 DEG. 90 DEG.

SPACING CRITERIA: 1.2 1.5

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | ZONAL LUMENS |
|----|------|------|------|--------------|
| 0 | 3152 | 3152 | 3152 | |
| 5 | 3139 | 3138 | 3130 | 299 |
| 15 | 3030 | 3060 | 3036 | 868 |
| 25 | 2798 | 2910 | 3041 | 1351 |
| 35 | 2470 | 2740 | 2091 | 1720 |
| 45 | 2043 | 2517 | 2760 | 1897 |
| 55 | 1523 | 2130 | 2373 | 1827 |
| 65 | 941 | 1656 | 1976 | 1553 |
| 75 | 378 | 1234 | 1532 | 1163 |
| 85 | 49 | 679 | 901 | 649 |
| 90 | 10 | 474 | 694 | |



FVP 440, Four 40 W PL Lamps • Total Luminaire Efficiency = 85.8%

| Room Cavity Ratio | % Floors Rfc | % Ceiling Rcc | 20 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|----|----|----|---|--|--|--|
| | | | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | |
| | | | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | | | | |
| 0 | 1.02 | 1.02 | 1.02 | 1.02 | 1.00 | 1.00 | 1.00 | 1.00 | .95 | .95 | .95 | .91 | .91 | .91 | .88 | .88 | .88 | .86 | | | | | | | | |
| 1 | .99 | .93 | .89 | .84 | .96 | .91 | .87 | .83 | .87 | .83 | .80 | .83 | .80 | .78 | .80 | .78 | .75 | .73 | | | | | | | | |
| 2 | .89 | .80 | .73 | .67 | .86 | .78 | .72 | .66 | .75 | .69 | .64 | .72 | .67 | .63 | .69 | .65 | .61 | .59 | | | | | | | | |
| 3 | .74 | .64 | .56 | .50 | .72 | .63 | .56 | .50 | .60 | .54 | .49 | .58 | .52 | .48 | .55 | .51 | .47 | .45 | | | | | | | | |
| 4 | .68 | .56 | .48 | .42 | .66 | .55 | .48 | .42 | .53 | .46 | .41 | .51 | .45 | .40 | .49 | .44 | .40 | .38 | | | | | | | | |
| 5 | .62 | .50 | .42 | .36 | .60 | .49 | .41 | .35 | .47 | .40 | .35 | .46 | .39 | .35 | .44 | .39 | .44 | .32 | | | | | | | | |
| 6 | .57 | .45 | .37 | .31 | .55 | .44 | .36 | .31 | .42 | .36 | .30 | .41 | .35 | .30 | .40 | .34 | .30 | .28 | | | | | | | | |
| 7 | .53 | .41 | .33 | .27 | .51 | .40 | .32 | .27 | .38 | .32 | .27 | .37 | .31 | .26 | .36 | .30 | .26 | .24 | | | | | | | | |
| 8 | .49 | .37 | .29 | .24 | .48 | .36 | .29 | .24 | .35 | .28 | .24 | .34 | .28 | .24 | .33 | .27 | .23 | .22 | | | | | | | | |
| 9 | .46 | .34 | .26 | .21 | .45 | .33 | .26 | .21 | .32 | .26 | .21 | .31 | .25 | .21 | .30 | .25 | .21 | .19 | | | | | | | | |
| 10 | .43 | .31 | .24 | .19 | .42 | .31 | .24 | .19 | .30 | .23 | .19 | .29 | .23 | .19 | .28 | .23 | .19 | 1.75 | | | | | | | | |

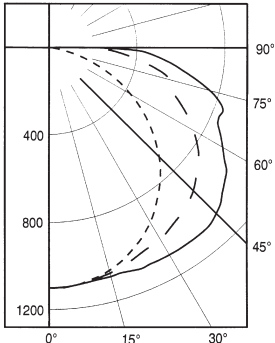
CIE TYPE – DIRECT

PLANE: 0 DEG. 90 DEG.

SPACING CRITERIA: 1.2 1.5

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | ZONAL LUMENS |
|----|------|------|------|--------------|
| 0 | 1101 | 1101 | 1101 | |
| 5 | 1098 | 1098 | 1097 | 104 |
| 15 | 1056 | 1069 | 1085 | 303 |
| 25 | 976 | 1026 | 1093 | 477 |
| 35 | 856 | 985 | 1096 | 616 |
| 45 | 710 | 928 | 1075 | 703 |
| 55 | 528 | 830 | 986 | 709 |
| 65 | 328 | 681 | 849 | 636 |
| 75 | 132 | 567 | 757 | 530 |
| 85 | 14 | 340 | 499 | 332 |
| 90 | 4 | 252 | 397 | |



FVR 232, Two T8 32 W Lamps* • Total Luminaire Efficiency = 77.4%

| Room Cavity Ratio | % Floors Rfc | % Ceiling Rcc | 20 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|---|--|--|--|
| | | | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | |
| | | | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | | | | |
| 0 | .92 | .92 | .92 | .92 | .90 | .90 | .90 | .90 | .86 | .86 | .86 | .82 | .82 | .82 | .79 | .79 | .79 | .77 | | | | | | | | |
| 1 | .81 | .77 | .72 | .68 | .79 | .75 | .71 | .67 | .71 | .68 | .65 | .68 | .66 | .63 | .65 | .63 | .61 | .59 | | | | | | | | |
| 2 | .73 | .65 | .59 | .53 | .71 | .64 | .58 | .53 | .61 | .56 | .51 | .58 | .54 | .50 | .56 | .52 | .49 | .47 | | | | | | | | |
| 3 | .65 | .56 | .49 | .44 | .63 | .55 | .49 | .43 | .53 | .47 | .43 | .51 | .46 | .42 | .49 | .45 | .41 | .39 | | | | | | | | |
| 4 | .60 | .49 | .42 | .36 | .58 | .48 | .41 | .35 | .46 | .40 | .35 | .44 | .39 | .34 | .42 | .38 | .34 | .32 | | | | | | | | |
| 5 | .55 | .44 | .37 | .31 | .53 | .43 | .36 | .31 | .41 | .35 | .31 | .40 | .34 | .30 | .38 | .34 | .30 | .28 | | | | | | | | |
| 6 | .50 | .39 | .31 | .26 | .49 | .38 | .31 | .26 | .35 | .30 | .26 | .35 | .30 | .25 | .34 | .29 | .25 | .23 | | | | | | | | |
| 7 | .47 | .35 | .28 | .23 | .45 | .35 | .28 | .23 | .33 | .27 | .22 | .32 | .26 | .22 | .31 | .26 | .22 | .20 | | | | | | | | |
| 8 | .43 | .32 | .25 | .20 | .42 | .31 | .25 | .20 | .30 | .24 | .20 | .29 | .24 | .20 | .28 | .23 | .19 | .18 | | | | | | | | |
| 9 | .40 | .29 | .22 | .18 | .39 | .29 | .22 | .18 | .28 | .22 | .18 | .27 | .21 | .18 | .26 | .21 | .17 | .16 | | | | | | | | |
| 10 | .38 | .27 | .20 | .16 | .37 | .26 | .20 | .16 | .26 | .20 | .16 | .25 | .20 | .16 | .24 | .19 | .16 | .14 | | | | | | | | |

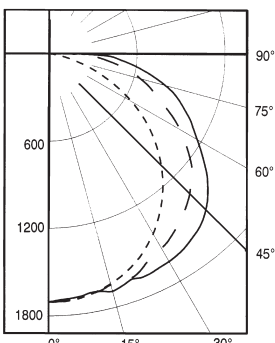
CIE TYPE – DIRECT

PLANE: 0 DEG. 90 DEG.

SPACING CRITERIA: 1.2 1.4

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | ZONAL LUMENS |
|----|------|-------|------|--------------|
| 0 | 1780 | 1780 | 1780 | 169 |
| 5 | 1767 | 1773 | 1771 | 169 |
| 15 | 1700 | 1732 | 1757 | 490 |
| 25 | 1574 | 1661 | 1734 | 767 |
| 35 | 1388 | 1554 | 1652 | 1064 |
| 45 | 1150 | 1388 | 1556 | 1064 |
| 55 | 860 | 12001 | 3671 | 038 |
| 65 | 53 | 6949 | 1116 | 881 |
| 75 | 214 | 698 | 914 | 675 |
| 85 | 21 | 443 | 637 | 426 |
| 90 | 7 | 319 | 491 | |



FVR 332, Three T8 32 W Lamps • Total Luminaire Efficiency = 75.7%

| Room Cavity Ratio | % Floors Rfc | % Ceiling Rcc | 20 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|---|--|--|--|
| | | | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | |
| | | | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | | | | |
| 0 | .90 | .90 | .90 | .90 | .88 | .88 | .88 | .88 | .84 | .84 | .84 | .81 | .81 | .81 | .77 | .77 | .77 | .76 | | | | | | | | |
| 1 | .80 | .76 | .72 | .68 | .78 | .74 | .70 | .67 | .71 | .68 | .65 | .68 | .65 | .63 | .65 | .63 | .61 | .59 | | | | | | | | |
| 2 | .72 | .65 | .59 | .54 | .70 | .63 | .58 | .53 | .61 | .56 | .52 | .58 | .54 | .51 | .56 | .52 | .50 | .48 | | | | | | | | |
| 3 | .65 | .56 | .49 | .44 | .63 | .55 | .49 | .43 | .53 | .47 | .43 | .51 | .46 | .42 | .49 | .45 | .41 | .39 | | | | | | | | |
| 4 | .60 | .50 | .42 | .37 | .58 | .48 | .42 | .36 | .47 | .41 | .36 | .45 | .39 | .35 | .43 | .38 | .35 | .33 | | | | | | | | |
| 5 | .55 | .44 | .37 | .31 | .53 | .43 | .36 | .31 | .41 | .35 | .31 | .40 | .34 | .30 | .38 | .34 | .30 | .28 | | | | | | | | |
| 6 | .50 | .39 | .32 | .27 | .49 | .39 | .32 | .27 | .37 | .31 | .27 | .36 | .30 | .26 | .35 | .30 | .26 | .24 | | | | | | | | |
| 7 | .46 | .36 | .29 | .24 | .45 | .35 | .28 | .23 | .34 | .28 | .23 | .33 | .27 | .23 | .32 | .27 | .23 | .21 | | | | | | | | |
| 8 | .43 | .32 | .26 | .21 | .42 | .32 | .25 | .21 | .31 | .25 | .21 | .30 | .24 | .21 | .29 | .24 | .20 | .19 | | | | | | | | |
| 9 | .40 | .30 | .23 | .19 | .39 | .29 | .23 | .19 | .28 | .23 | .19 | .27 | .22 | .18 | .27 | .22 | .18 | .17 | | | | | | | | |
| 10 | .38 | .27 | .21 | .17 | .37 | .27 | .21 | .17 | .26 | .21 | .17 | .25 | .20 | .17 | .25 | .20 | .17 | .15 | | | | | | | | |

Lighting

LIGHTING: ENCLOSED AND GASKETED – AREA – FLUORESCENT