

Ordering Information: Complete fixture consists of Powerhead + Inner Glass + Suspension Kit. Each sold separately (ie **PS13SA + SG03 + SK01**).

| Spec ID (reference only) | Powerhead | Inner Glass | Outer Glass | Suspension Kit | Lamp | Volts |
|--------------------------|-----------------|-------------|-------------|------------------------|----------------------------|-------|
| FA01 | PS13SA | SG03 | NA | *See suspensions below | 4-Pin Elect. Twin Tube 13W | 120V |
| FA201 | PS132SA | SG03 | NA | | 4-Pin Elect. Twin Tube 13W | 277V |
| FA01Q | PS13QSA | SG03 | NA | | 4-Pin Quad Tube 13W | 120V |
| FA201Q | PS132QSA | SG03 | NA | | 4-Pin Quad Tube 13W | 277V |
| FA0126 | PS26SA | SG03 | NA | | 4-Pin Quad Tube 26W | 120V |
| FA20126 | PS262SA | SG03 | NA | | 4-Pin Quad Tube 26W | 277V |
| IA01 | PS50SA | SG03 | NA | | T-4 Mini Can. 50W | 120V |

Suspension Kits:

| Catalog Number | Finish | Description |
|----------------|----------------|---|
| SK01 | Satin Aluminum | Clear Metallic Straight Cord/Cable, 120" Length, (10') with canopy |
| SK02 | Satin Aluminum | Clear Metallic Straight Cord/Cable, 300" Length, (25') with canopy |
| ST01 | Satin Aluminum | 36" Length 3/8" Stem with canopy |
| ST02 | Satin Aluminum | 60" Length 3/8" Stem with canopy |
| CTC | Satin Aluminum | Close To Ceiling Kit with canopy |
| TM01 | Satin Aluminum | Silver Track Mounting Kit with Clear Metallic Straight Cord/Cable, 120" Length, (10') (120V only) |

Features

1. Power Compartment: Die Cast and Machined Aluminum Components. Brushed and Clear Lacquer Finish.

2. Primary Glass: Triplex Hand Blown Glass.

Lamping (by others)

Incandescent: 50W Max. T-4 Mini Candelabra

Fluorescent: 13W 4-Pin Electronic Twin Tube Specify Lightolier #56964

(*see chart below)

****Compact Fluorescent:**

| General Electric | Osram/Sylvania | Philips |
|--|----------------|------------------|
| (1) 13W Twin Tube 4-Pin Compact Fluorescent Lamp | | |
| N/A | CF13DS/E/* | N/A |
| (1) 13W Quad Tube 4-Pin Compact Fluorescent Lamp | | |
| F13DBX/SPX*/4P | CF13DD/E/* | PL-C13W/*4P/ALTO |
| (1) 26W Quad Tube 4-Pin Compact Fluorescent Lamp | | |
| F26BX/*EC04P | CF26DD/E/* | PL-C26W/*4P/ALTO |

***Manufacturers Color Temperature Designation**

Electrical

Lampholders

Incandescent: E11 Base, Porcelain, Plated Copper Alloy Screw Shell

Compact Fluorescent: 13W Twin: 2GX7 Base, High Impact Thermoset Polymer with Brass Contacts.

Electrical (continued)

13W Quad: GX242-1 Base, High Impact Thermoset Polymer with Brass Contacts.

26W Quad: GX24Q-3 High impact thermoset polymers with brass contacts.

| Ballasts: Fluorescent: Electronic | 13 Watts | |
|-----------------------------------|----------|-----|
| Voltage | 120 | 277 |
| Max. Watts | 35 | 28 |
| Max. Line Current (Amps) | .33 | .18 |

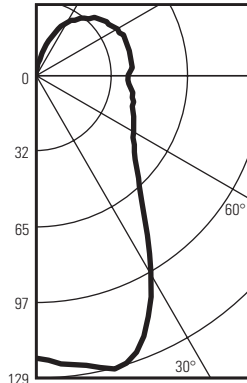
Labels

cULus Listed. Suitable for Damp Locations.

| Job Information | Type: |
|------------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

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Catalog No. FA02/FA01, 13W 4 Pin Twin Tube, 800 Lumens.



Report No. 3109FR
SC = 1.2

| CANDLEPOWER SUMMARY | | | |
|---------------------|---------|-------|---------|
| Angle | Mean CP | Angle | Mean CP |
| 0 | 120 | 90 | 39 |
| 5 | 123 | 95 | 41 |
| 10 | 125 | 100 | 41 |
| 15 | 129 | 105 | 41 |
| 20 | 125 | 110 | 41 |
| 25 | 113 | 115 | 41 |
| 30 | 98 | 120 | 40 |
| 35 | 83 | 125 | 38 |
| 40 | 70 | 130 | 37 |
| 45 | 62 | 135 | 35 |
| 50 | 55 | 140 | 32 |
| 55 | 51 | 145 | 29 |
| 60 | 48 | 150 | 26 |
| 65 | 46 | 155 | 22 |
| 70 | 44 | 160 | 16 |
| 75 | 43 | 165 | 10 |
| 80 | 42 | 170 | 5 |
| 85 | 40 | 175 | 2 |
| 90 | 39 | 180 | 1 |

| ZONAL LUMEN SUMMARY | |
|---------------------|--------|
| Zone | Lumens |
| 0-10 | 11.79 |
| 10-20 | 36.08 |
| 20-30 | 51.76 |
| 30-40 | 51.95 |
| 40-50 | 47.76 |
| 50-60 | 45.8 |
| 60-70 | 45.64 |
| 70-80 | 45.22 |
| 80-90 | 43.77 |
| 90-100 | 44.19 |
| 100-110 | 43.37 |
| 110-120 | 40.33 |
| 120-130 | 34.45 |
| 130-140 | 26.87 |
| 140-150 | 18.45 |
| 150-160 | 10.09 |
| 160-170 | 3.03 |
| 170-180 | .27 |

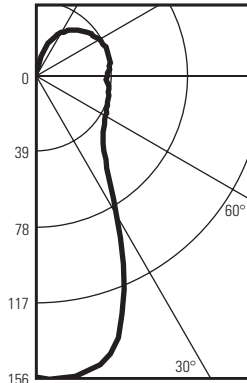
| ZONAL LUMENS AND PERCENTAGES | | | |
|------------------------------|--------|-------|-------|
| Zone | Lumens | %Lamp | %Fixt |
| 0-30 | 99.63 | 12.5 | 16.6 |
| 0-40 | 151.58 | 18.9 | 25.2 |
| 0-60 | 245.15 | 30.6 | 40.8 |
| 0-90 | 379.78 | 47.5 | 63.2 |
| 90-120 | 127.89 | 16 | 21.3 |
| 90-130 | 162.34 | 20.3 | 27 |
| 90-150 | 207.67 | 26 | 27 |
| 90-180 | 221.06 | 27.6 | 36.8 |
| 0-180 | 600.84 | 75.1 | 100 |

** Efficiency = 75.1% **

| COEFFICIENTS OF UTILIZATION | | | | | | | | | | | | |
|-----------------------------|---|----|----|----|-----|----|-----|----|-----|----|----|----|
| Ceiling | 80% | | | | 70% | | 50% | | 30% | | 0 | |
| | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | | |
| Wall | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 0 | |
| RCR | Zonal Cavity Method - Effective Floor Reflectance = 20% | | | | | | | | | | | |
| Room Cavity Ratio | 0 | 83 | 83 | 83 | 83 | 78 | 78 | 68 | 68 | 59 | 59 | 47 |
| | 1 | 73 | 69 | 65 | 62 | 65 | 58 | 56 | 51 | 49 | 45 | 35 |
| | 2 | 66 | 60 | 54 | 49 | 56 | 47 | 49 | 42 | 42 | 36 | 29 |
| | 3 | 60 | 52 | 46 | 41 | 49 | 39 | 43 | 34 | 37 | 30 | 24 |
| | 4 | 55 | 46 | 39 | 34 | 43 | 33 | 38 | 29 | 33 | 26 | 20 |
| | 5 | 51 | 41 | 34 | 30 | 39 | 28 | 34 | 25 | 30 | 23 | 18 |
| | 6 | 47 | 37 | 30 | 26 | 35 | 25 | 31 | 22 | 27 | 20 | 15 |
| | 7 | 43 | 34 | 27 | 23 | 32 | 22 | 28 | 20 | 25 | 18 | 14 |
| | 8 | 40 | 31 | 24 | 20 | 29 | 19 | 26 | 18 | 23 | 16 | 12 |
| | 9 | 38 | 28 | 22 | 18 | 26 | 17 | 24 | 16 | 21 | 14 | 11 |
| | 10 | 35 | 26 | 20 | 16 | 24 | 16 | 22 | 14 | 19 | 13 | 10 |

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 18

Catalog No. FA02Q/ FA01Q, 13W 4 Pin Quad Tube, 900 Lumens.



Report No. 3106FR
SC = .96

| CANDLEPOWER SUMMARY | | | |
|---------------------|---------|-------|---------|
| Angle | Mean CP | Angle | Mean CP |
| 0 | 155 | 90 | 37 |
| 5 | 156 | 95 | 38 |
| 10 | 154 | 100 | 39 |
| 15 | 148 | 105 | 39 |
| 20 | 130 | 110 | 39 |
| 25 | 107 | 115 | 38 |
| 30 | 83 | 120 | 38 |
| 35 | 66 | 125 | 36 |
| 40 | 56 | 130 | 35 |
| 45 | 49 | 135 | 33 |
| 50 | 45 | 140 | 31 |
| 55 | 43 | 145 | 29 |
| 60 | 41 | 150 | 26 |
| 65 | 40 | 155 | 22 |
| 70 | 39 | 160 | 18 |
| 75 | 39 | 165 | 11 |
| 80 | 38 | 170 | 4 |
| 85 | 37 | 175 | 0 |
| 90 | 37 | 180 | 0 |

| ZONAL LUMEN SUMMARY | |
|---------------------|--------|
| Zone | Lumens |
| 0-10 | 14.85 |
| 10-20 | 40.98 |
| 20-30 | 48.7 |
| 30-40 | 41.99 |
| 40-50 | 38.32 |
| 50-60 | 38.54 |
| 60-70 | 39.94 |
| 70-80 | 40.86 |
| 80-90 | 40.5 |
| 90-100 | 41.19 |
| 100-110 | 41.26 |
| 110-120 | 38.1 |
| 120-130 | 32.66 |
| 130-140 | 25.6 |
| 140-150 | 18.05 |
| 150-160 | 10.29 |
| 160-170 | 3.25 |
| 170-180 | .15 |

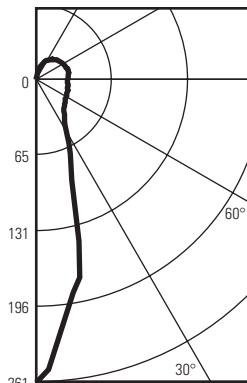
| ZONAL LUMENS AND PERCENTAGES | | | |
|------------------------------|--------|-------|-------|
| Zone | Lumens | %Lamp | %Fixt |
| 0-30 | 104.53 | 11.6 | 18.8 |
| 0-40 | 146.52 | 16.3 | 26.4 |
| 0-60 | 223.38 | 24.8 | 40.2 |
| 0-90 | 344.68 | 38.3 | 62.1 |
| 90-120 | 120.54 | 13.4 | 21.7 |
| 90-130 | 153.2 | 17 | 27.6 |
| 90-150 | 196.85 | 21.9 | 27.6 |
| 90-180 | 210.54 | 23.4 | 37.9 |
| 0-180 | 555.22 | 61.7 | 100 |

** Efficiency = 61.7% **

| COEFFICIENTS OF UTILIZATION | | | | | | | | | | | | |
|-----------------------------|---|----|----|----|-----|----|-----|----|-----|----|----|----|
| Ceiling | 80% | | | | 70% | | 50% | | 30% | | 0 | |
| | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | | |
| Wall | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 0 | |
| RCR | Zonal Cavity Method - Effective Floor Reflectance = 20% | | | | | | | | | | | |
| Room Cavity Ratio | 0 | 68 | 68 | 68 | 68 | 64 | 64 | 56 | 56 | 48 | 48 | 38 |
| | 1 | 60 | 57 | 54 | 51 | 53 | 48 | 46 | 42 | 40 | 37 | 29 |
| | 2 | 55 | 49 | 45 | 41 | 46 | 39 | 40 | 34 | 34 | 30 | 23 |
| | 3 | 50 | 43 | 38 | 34 | 40 | 32 | 35 | 29 | 30 | 25 | 20 |
| | 4 | 46 | 38 | 33 | 29 | 36 | 27 | 31 | 25 | 27 | 22 | 17 |
| | 5 | 42 | 34 | 29 | 25 | 32 | 24 | 28 | 21 | 25 | 19 | 15 |
| | 6 | 39 | 31 | 26 | 22 | 29 | 21 | 26 | 19 | 22 | 17 | 13 |
| | 7 | 36 | 28 | 23 | 19 | 27 | 19 | 24 | 17 | 21 | 15 | 12 |
| | 8 | 34 | 26 | 21 | 17 | 24 | 17 | 22 | 15 | 19 | 14 | 11 |
| | 9 | 31 | 24 | 19 | 16 | 22 | 15 | 20 | 14 | 18 | 13 | 10 |
| | 10 | 30 | 22 | 17 | 14 | 21 | 14 | 19 | 13 | 17 | 11 | 9 |

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 15

Catalog No. IA02/IA01, 50W T-4, 950 Lumens.



Report No. 3102FR
SC = .54

| CANDLEPOWER SUMMARY | | | |
|---------------------|---------|-------|---------|
| Angle | Mean CP | Angle | Mean CP |
| 0 | 261 | 90 | 27 |
| 5 | 222 | 95 | 28 |
| 10 | 186 | 100 | 28 |
| 15 | 144 | 105 | 29 |
| 20 | 91 | 110 | 29 |
| 25 | 70 | 115 | 28 |
| 30 | 53 | 120 | 28 |
| 35 | 43 | 125 | 27 |
| 40 | 38 | 130 | 26 |
| 45 | 34 | 135 | 25 |
| 50 | 32 | 140 | 23 |
| 55 | 31 | 145 | 22 |
| 60 | 30 | 150 | 20 |
| 65 | 29 | 155 | 18 |
| 70 | 29 | 160 | 15 |
| 75 | 28 | 165 | 10 |
| 80 | 28 | 170 | 4 |
| 85 | 27 | 175 | 2 |
| 90 | 27 | 180 | 1 |

| ZONAL LUMEN SUMMARY | |
|---------------------|--------|
| Zone | Lumens |
| 0-10 | 20.21 |
| 10-20 | 38.5 |
| 20-30 | 32.13 |
| 30-40 | 27.38 |
| 40-50 | 26.65 |
| 50-60 | 27.79 |
| 60-70 | 29.15 |
| 70-80 | 30.01 |
| 80-90 | 29.87 |
| 90-100 | 30.41 |
| 100-110 | 30.55 |
| 110-120 | 27.92 |
| 120-130 | 24.02 |
| 130-140 | 19.1 |
| 140-150 | 13.78 |
| 150-160 | 8.23 |
| 160-170 | 2.88 |
| 170-180 | .22 |

| ZONAL LUMENS AND PERCENTAGES | | | |
|------------------------------|--------|-------|-------|
| Zone | Lumens | %Lamp | %Fixt |
| 0-30 | 90.84 | 9.6 | 21.7 |
| 0-40 | 118.23 | 12.4 | 28.2 |
| 0-60 | 172.67 | 18.2 | 41.2 |
| 0-90 | 261.7 | 27.5 | 62.5 |
| 90-120 | 88.88 | 9.4 | 21.2 |
| 90-130 | 112.89 | 11.9 | 27 |
| 90-150 | 145.78 | 15.3 | 27 |
| 90-180 | 157.11 | 16.5 | 37.5 |
| 0-180 | 418.8 | 44.1 | 100 |

** Efficiency = 44.1% **

| COEFFICIENTS OF UTILIZATION | | | | | | | | | | | | |
|-----------------------------|---|----|----|----|-----|----|-----|----|-----|----|----|----|
| Ceiling | 80% | | | | 70% | | 50% | | 30% | | 0 | |
| | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | | |
| Wall | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 0 | |
| RCR | Zonal Cavity Method - Effective Floor Reflectance = 20% | | | | | | | | | | | |
| Room Cavity Ratio | 0 | 49 | 49 | 49 | 49 | 45 | 45 | 40 | 40 | 35 | 35 | 28 |
| | 1 | 43 | 41 | 39 | 37 | 38 | 35 | 33 | 30 | 29 | 27 | 21 |
| | 2 | 43 | 41 | 39 | 37 | 38 | 35 | 33 | 30 | 29 | 27 | 21 |
| | 3 | 39 | 35 | 32 | 30 | 33 | 28 | 29 | 25 | 25 | 22 | 17 |
| | 4 | 36 | 31 | 28 | 25 | 29 | 24 | 26 | 21 | 22 | 19 | 15 |
| | 5 | 33 | 28 | 24 | 21 | 26 | 20 | 23 | 18 | 20 | 16 | 13 |
| | 6 | 31 | 25 | 21 | 19 | 24 | 18 | 21 | 16 | 18 | 14 | 12 |
| | 7 | 28 | 23 | 19 | 17 | 22 | 16 | 19 | 14 | 17 | 13 | 10 |
| | 8 | 26 | 21 | 17 | 15 | 20 | 14 | 18 | 13 | 16 | 12 | 10 |
| | 9 | 23 | 18 | 14 | 12 | 17 | 12 | 15 | 11 | 14 | 10 | 8 |
| | 10 | 22 | 17 | 13 | 11 | 16 | 11 | 14 | 10 | 13 | 9 | 8 |

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 50

Job Information **Type:**

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