

PHOTOMETRICS

Luminaire Information

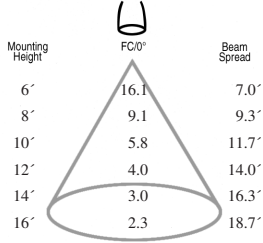
Product Number: 68218E1 / 6821CL

Frame: 6" Horizontal Quad Tube Compact Fluorescent Enclosed Luminaire

Reflector: 6" Horizontal Specular Clear "Alzak" Reflector w/ Clear Splay & Prismatic Lens

Ceiling Type: Direct **Efficiency:** 39.8% **Lamp(s):** (2) 18W 4 Pin G24Q - 2 Base **Lumens:** 2500 **LTL Test Number:** 05844

Cone Of Light



Zonal Lumen Summary

| Zone | Lumens | % Lamp |
|--------|--------|--------|
| 0-30 | 454 | 18.1 |
| 0-40 | 683 | 27.3 |
| 0-60 | 933 | 37.3 |
| 0-90 | 996 | 39.8 |
| 90-180 | 0 | 0.0 |
| 0-180 | 996 | 39.8 |

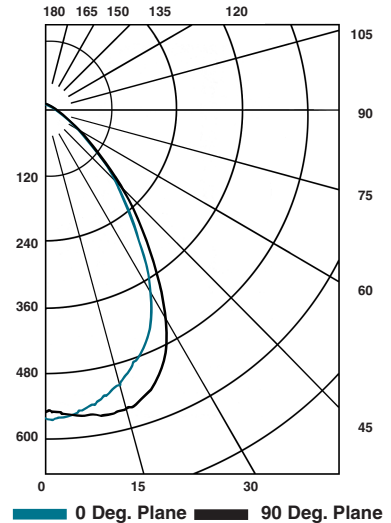
Reflector Multipliers

| Reflector Finish | Multiplier |
|------------------|------------|
| Specular Wheat | .97 |
| Specular Black | .70 |
| Specular Pewter | .96 |
| Matte White | .95 |

Coefficients Of Utilization

| RC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 47 | 47 | 47 | 47 | 46 | 46 | 46 | 46 | 44 | 44 | 44 | 42 | 42 | 42 | 41 | 41 | 41 | 40 |
| 1 | 45 | 43 | 42 | 41 | 44 | 43 | 42 | 41 | 41 | 40 | 39 | 39 | 39 | 38 | 38 | 38 | 37 | 36 |
| 2 | 42 | 40 | 38 | 36 | 41 | 39 | 37 | 36 | 38 | 36 | 35 | 36 | 35 | 34 | 35 | 34 | 33 | 33 |
| 3 | 39 | 36 | 34 | 32 | 38 | 36 | 33 | 32 | 35 | 33 | 31 | 34 | 32 | 31 | 33 | 31 | 30 | 29 |
| 4 | 37 | 33 | 30 | 28 | 36 | 33 | 30 | 28 | 32 | 29 | 28 | 31 | 29 | 27 | 30 | 28 | 27 | 26 |
| 5 | 34 | 30 | 27 | 25 | 33 | 30 | 27 | 25 | 29 | 27 | 25 | 28 | 26 | 25 | 28 | 26 | 24 | 24 |
| 6 | 32 | 28 | 25 | 23 | 31 | 27 | 25 | 23 | 27 | 24 | 22 | 26 | 24 | 22 | 25 | 24 | 22 | 21 |
| 7 | 30 | 25 | 22 | 20 | 29 | 25 | 22 | 20 | 24 | 22 | 20 | 24 | 22 | 20 | 23 | 21 | 20 | 19 |
| 8 | 28 | 23 | 20 | 18 | 27 | 23 | 20 | 18 | 22 | 20 | 18 | 22 | 20 | 18 | 21 | 19 | 18 | 17 |
| 9 | 26 | 21 | 18 | 16 | 25 | 21 | 18 | 16 | 20 | 18 | 16 | 20 | 18 | 16 | 20 | 17 | 16 | 15 |
| 10 | 24 | 19 | 16 | 15 | 24 | 19 | 16 | 14 | 19 | 16 | 14 | 18 | 16 | 14 | 18 | 16 | 14 | 14 |

Effective Floor Cavity Reflectance: 0.20



Luminaire Information

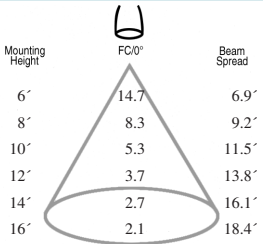
Product Number: 68218E1 / 6822CL

Frame: 6" Horizontal Quad Tube Compact Fluorescent Enclosed Luminaire

Reflector: 6" Horizontal Specular Clear "Alzak" Reflector w/Clear Splay & Fresnel lens

Ceiling Type: Direct **Efficiency:** 39.8% **Lamp(s):** (2) 18W 4 Pin G24Q - 2 Base **Lumens:** 2500 **LTL Test Number:** 05845

Cone Of Light



Zonal Lumen Summary

| Zone | Lumens | % Lamp |
|--------|--------|--------|
| 0-30 | 470 | 18.8 |
| 0-40 | 666 | 26.6 |
| 0-60 | 926 | 37.0 |
| 0-90 | 995 | 39.8 |
| 90-180 | 0 | 0.0 |
| 0-180 | 992 | 39.8 |

Reflector Multipliers

| Reflector Finish | Multiplier |
|------------------|------------|
| Specular Wheat | .97 |
| Specular Black | .70 |
| Specular Pewter | .96 |
| Matte White | .95 |

Coefficients Of Utilization

| RC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 47 | 47 | 47 | 47 | 46 | 46 | 46 | 46 | 44 | 44 | 44 | 42 | 42 | 42 | 41 | 41 | 41 | 40 |
| 1 | 45 | 43 | 42 | 41 | 44 | 42 | 41 | 40 | 41 | 40 | 39 | 39 | 39 | 38 | 38 | 37 | 37 | 36 |
| 2 | 42 | 39 | 38 | 36 | 41 | 39 | 37 | 35 | 37 | 36 | 35 | 36 | 35 | 34 | 35 | 34 | 33 | 33 |
| 3 | 39 | 36 | 34 | 32 | 38 | 35 | 33 | 31 | 34 | 33 | 31 | 33 | 32 | 30 | 32 | 31 | 30 | 29 |
| 4 | 37 | 33 | 30 | 28 | 36 | 32 | 30 | 28 | 32 | 29 | 28 | 31 | 29 | 27 | 30 | 28 | 27 | 26 |
| 5 | 34 | 30 | 27 | 25 | 33 | 30 | 27 | 25 | 29 | 26 | 25 | 28 | 26 | 24 | 27 | 26 | 24 | 24 |
| 6 | 32 | 28 | 25 | 23 | 31 | 27 | 24 | 22 | 27 | 24 | 22 | 26 | 24 | 22 | 25 | 23 | 22 | 21 |
| 7 | 30 | 25 | 22 | 20 | 29 | 25 | 22 | 20 | 24 | 22 | 20 | 24 | 22 | 20 | 23 | 21 | 20 | 19 |
| 8 | 28 | 23 | 20 | 18 | 27 | 23 | 20 | 18 | 22 | 20 | 18 | 22 | 20 | 18 | 21 | 19 | 18 | 17 |
| 9 | 26 | 21 | 18 | 16 | 25 | 21 | 18 | 16 | 20 | 18 | 16 | 20 | 18 | 16 | 20 | 17 | 16 | 15 |
| 10 | 24 | 19 | 16 | 15 | 24 | 19 | 16 | 15 | 19 | 16 | 15 | 18 | 16 | 14 | 18 | 16 | 14 | 14 |

Effective Floor Cavity Reflectance: 0.20

