

# PHOTOMETRICS

## Luminaire Information

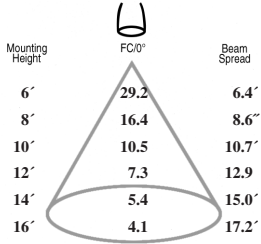
**Product Number:** 75142E1 / 7610CL

**Frame:** 8" Vertical Quad Tube Compact Fluorescent Open Luminaire

**Reflector:** 8" Vertical Specular Clear "Alzak®" Reflector

**Ceiling Type:** Direct    **Efficiency:** 37.3%    **Lamp(s):** (1) 42W 4 Pin G24Q - 1 Base    **Lumens:** 3200    **LTL Test Number:** 06122

## Cone Of Light



## Zonal Lumen Summary

| Zone   | Lumens | % Lamp |
|--------|--------|--------|
| 0-30   | 783    | 24.5   |
| 0-40   | 1083   | 33.8   |
| 0-60   | 1195   | 37.3   |
| 0-90   | 1195   | 37.3   |
| 90-180 | 0      | 0.0    |
| 0-180  | 1195   | 37.3   |

## 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 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|    | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |   |
| 0  | 44 | 44 | 44 | 44 | 43 | 43 | 43 | 43 | 41 | 41 | 41 | 40 | 40 | 40 | 38 | 38 | 38 | 37 | 37 | 37 |   |
| 1  | 43 | 42 | 41 | 40 | 42 | 41 | 40 | 39 | 39 | 39 | 38 | 38 | 37 | 37 | 37 | 36 | 36 | 35 | 35 | 35 |   |
| 2  | 40 | 39 | 37 | 36 | 40 | 38 | 37 | 36 | 37 | 36 | 35 | 36 | 35 | 34 | 35 | 34 | 33 | 33 | 33 | 33 |   |
| 3  | 39 | 36 | 34 | 33 | 38 | 36 | 34 | 33 | 35 | 33 | 32 | 34 | 33 | 32 | 33 | 32 | 31 | 31 | 31 | 31 |   |
| 4  | 37 | 34 | 32 | 30 | 36 | 33 | 31 | 30 | 33 | 31 | 30 | 32 | 30 | 29 | 31 | 30 | 29 | 28 | 28 | 28 |   |
| 5  | 35 | 32 | 29 | 28 | 34 | 31 | 29 | 28 | 30 | 29 | 27 | 30 | 28 | 27 | 29 | 28 | 27 | 26 | 26 | 26 |   |
| 6  | 33 | 30 | 27 | 26 | 32 | 29 | 27 | 26 | 29 | 27 | 26 | 28 | 27 | 25 | 28 | 26 | 25 | 25 | 25 | 25 |   |
| 7  | 31 | 28 | 25 | 24 | 31 | 27 | 25 | 24 | 27 | 25 | 24 | 27 | 25 | 24 | 26 | 25 | 23 | 23 | 23 | 23 |   |
| 8  | 29 | 26 | 23 | 22 | 29 | 26 | 23 | 22 | 25 | 23 | 22 | 25 | 23 | 22 | 24 | 23 | 22 | 21 | 21 | 21 |   |
| 9  | 28 | 24 | 22 | 20 | 27 | 24 | 21 | 20 | 23 | 21 | 20 | 23 | 21 | 20 | 23 | 21 | 20 | 19 | 19 | 19 |   |
| 10 | 26 | 22 | 20 | 18 | 26 | 22 | 20 | 18 | 22 | 20 | 18 | 21 | 20 | 18 | 21 | 19 | 18 | 18 | 18 | 18 |   |

**Effective Floor Cavity Reflectance:** 0.20

