

PHOTOMETRICS

Luminaire Information

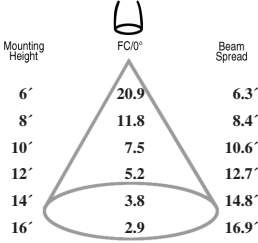
Product Number: WHUD18WH-SCP1/2

Frame: 8" Horizontal Quad Tube Compact Fluorescent Enclosed Up/Down Cylinder

Reflector: 8" Horizontal Specular Clear "Alzak[®]" Reflector w/ Clear Splay & Prismatic Lens

Ceiling Type: Direct **Efficiency:** 43.6% **Lamp(s):** (2) 18W 4 Pin G24Q - 2 Base **Lumens:** 1800 **LTL Test Number:** 05387

Cone Of Light



Zonal Lumen Summary

| Zone | Lumens | % Lamp |
|--------|--------|--------|
| 0-30 | 517 | 20.7 |
| 0-40 | 770 | 30.8 |
| 0-60 | 1034 | 41.4 |
| 0-90 | 1089 | 43.6 |
| 90-180 | 0 | 0.0 |
| 0-180 | 1089 | 43.6 |

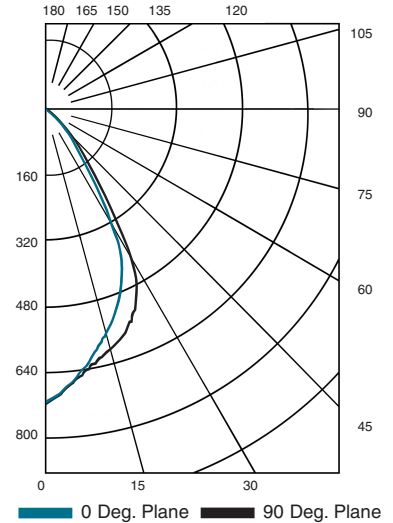
Reflector Multipliers

| 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 | 52 | 52 | 52 | 52 | 51 | 51 | 51 | 51 | 48 | 48 | 48 | 46 | 46 | 46 | 45 | 45 | 45 | 44 | 44 | | |
| 1 | 49 | 48 | 46 | 45 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 43 | 43 | 42 | 42 | 41 | 41 | 40 | 40 | | |
| 2 | 46 | 44 | 42 | 40 | 45 | 43 | 41 | 39 | 41 | 40 | 39 | 40 | 39 | 38 | 39 | 38 | 37 | 36 | 36 | | |
| 3 | 43 | 40 | 37 | 35 | 42 | 39 | 37 | 35 | 38 | 36 | 35 | 37 | 35 | 34 | 36 | 35 | 33 | 33 | 33 | | |
| 4 | 40 | 37 | 34 | 32 | 40 | 36 | 33 | 31 | 35 | 33 | 31 | 34 | 32 | 31 | 33 | 32 | 30 | 29 | 29 | | |
| 5 | 38 | 33 | 30 | 28 | 37 | 33 | 30 | 28 | 32 | 30 | 28 | 31 | 29 | 27 | 31 | 29 | 27 | 26 | 26 | | |
| 6 | 35 | 31 | 28 | 25 | 35 | 30 | 27 | 25 | 30 | 27 | 25 | 29 | 27 | 25 | 28 | 26 | 25 | 24 | 24 | | |
| 7 | 33 | 28 | 25 | 23 | 32 | 28 | 25 | 23 | 27 | 25 | 23 | 27 | 24 | 23 | 26 | 24 | 22 | 22 | 22 | | |
| 8 | 31 | 26 | 23 | 20 | 30 | 26 | 23 | 20 | 25 | 22 | 20 | 24 | 22 | 20 | 24 | 22 | 20 | 19 | 19 | | |
| 9 | 29 | 24 | 20 | 18 | 28 | 23 | 20 | 18 | 23 | 20 | 18 | 22 | 20 | 18 | 22 | 20 | 18 | 17 | 17 | | |
| 10 | 27 | 22 | 19 | 17 | 26 | 21 | 18 | 16 | 21 | 18 | 16 | 21 | 18 | 16 | 20 | 18 | 16 | 16 | 16 | | |

Effective Floor Cavity Reflectance: 0.20



Luminaire Information

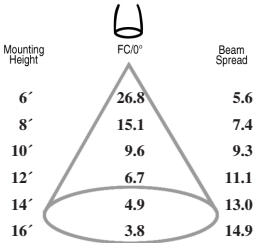
Product Number: WHUD18WH-SCF1/2

Frame: 8" Horizontal Quad Tube Compact Fluorescent Enclosed Up/Down Cylinder

Reflector: 8" Horizontal Specular Clear "Alzak[®]" Reflector w/ Clear Splay & Fresnel Lens

Ceiling Type: Direct **Efficiency:** 48.4% **Lamp(s):** (2) 18W 4 Pin G24Q - 2 Base **Lumens:** 2500 **LTL Test Number:** 06066

Cone Of Light



Zonal Lumen Summary

| Zone | Lumens | % Lamp |
|--------|--------|--------|
| 0-30 | 654 | 26.2 |
| 0-40 | 851 | 34.0 |
| 0-60 | 1149 | 46.0 |
| 0-90 | 1209 | 48.4 |
| 90-180 | 0 | 0.0 |
| 0-180 | 1209 | 48.4 |

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 | 58 | 58 | 58 | 58 | 56 | 56 | 56 | 56 | 54 | 54 | 54 | 51 | 51 | 51 | 49 | 49 | 49 | 48 | 48 | | |
| 1 | 55 | 53 | 52 | 50 | 53 | 52 | 51 | 50 | 50 | 49 | 48 | 48 | 47 | 47 | 47 | 46 | 45 | 44 | 44 | | |
| 2 | 51 | 49 | 46 | 45 | 50 | 48 | 46 | 44 | 46 | 45 | 43 | 45 | 43 | 42 | 43 | 42 | 41 | 40 | 40 | | |
| 3 | 48 | 45 | 42 | 40 | 47 | 44 | 42 | 40 | 43 | 41 | 39 | 42 | 40 | 38 | 40 | 39 | 38 | 37 | 37 | | |
| 4 | 45 | 41 | 38 | 36 | 44 | 41 | 38 | 35 | 39 | 37 | 35 | 38 | 36 | 35 | 37 | 36 | 34 | 33 | 33 | | |
| 5 | 42 | 38 | 34 | 32 | 42 | 37 | 34 | 32 | 36 | 34 | 32 | 35 | 33 | 31 | 35 | 33 | 31 | 30 | 30 | | |
| 6 | 40 | 35 | 32 | 29 | 39 | 34 | 31 | 29 | 34 | 31 | 29 | 33 | 30 | 29 | 32 | 30 | 28 | 28 | 28 | | |
| 7 | 37 | 32 | 29 | 27 | 37 | 32 | 29 | 26 | 31 | 28 | 26 | 31 | 28 | 26 | 30 | 28 | 26 | 25 | 25 | | |
| 8 | 35 | 30 | 26 | 24 | 34 | 29 | 26 | 24 | 29 | 26 | 24 | 28 | 26 | 24 | 28 | 25 | 24 | 23 | 23 | | |
| 9 | 33 | 27 | 24 | 22 | 32 | 27 | 24 | 22 | 27 | 24 | 22 | 26 | 23 | 22 | 26 | 23 | 21 | 21 | 21 | | |
| 10 | 31 | 25 | 22 | 20 | 30 | 25 | 22 | 20 | 25 | 22 | 20 | 24 | 22 | 20 | 24 | 21 | 20 | 19 | 19 | | |

Effective Floor Cavity Reflectance: 0.20

