

AcraLite LED Lighting

The AcraLite 4' Ceiling troffer, produces 9,500 lumens of quality light
Designed for offices, schools, retail locations and hospitals
Fits standard suspended ceilings with 1" or 5/8" rails



FEATURES

- Light weight Aluminium with powder coated finish.
- Rugged polycarbonate end plates.
- High performance polycarbonate diffuser provides even light distribution.
- Fixture is LM80 rated to deliver over 200,000 service hours.
- Color Temperature 4000K or 5000K other color temperatures available upon request.
- Energy efficient design provides high light output with minimum power consumption.
- Superior thermal management allows for continuous, cool operation at full output.
- Optional Night Light uses the fixture as a low output light for safety purposes Utilizing less than 7 watts of power.
- Long life maintenance free.
- 5-year limited warranty.

SPECIFICATIONS

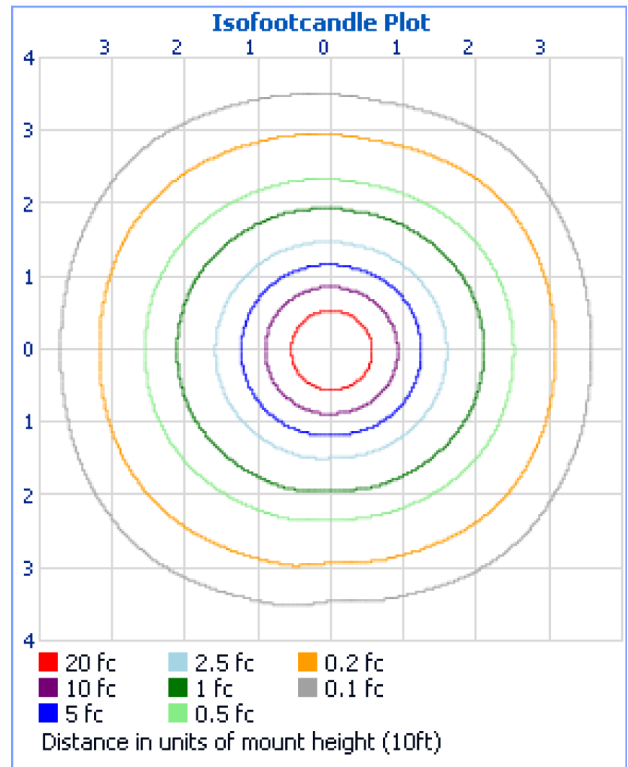
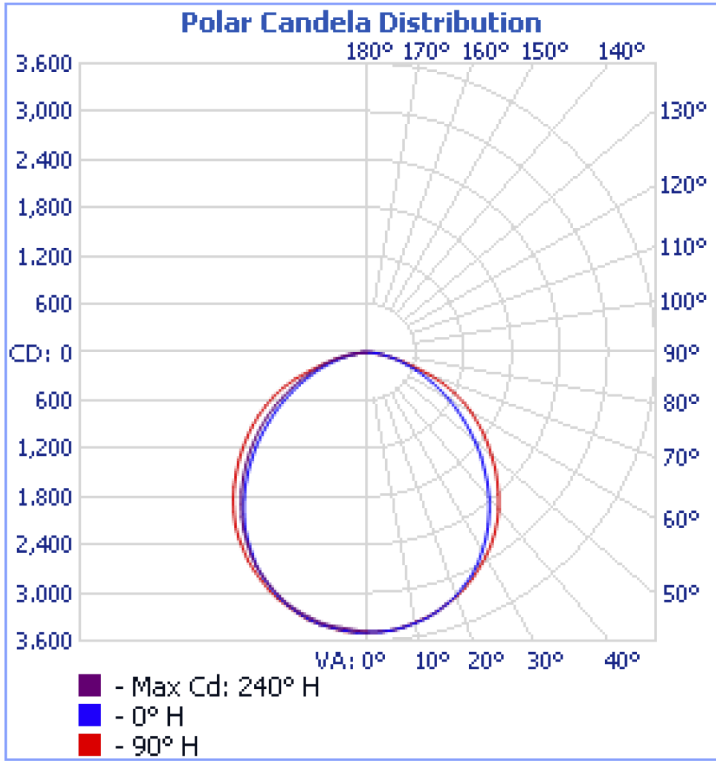
Dimensions: 48"(L) x 4.9"(H) x 23.9"(W)

Weight: 12 lbs

| Power Requirements | Part numbers | With Night Light |
|--|--|--|
| 86 WATTS INPUT POWER 0.72 AMPS @ 120 VAC 50/60HZ 0.40 AMPS @ 220 VAC 50/60HZ 0.64 AMPS @ 277 VAC 50/60HZ POWER FACTOR: > .93 THD : .11/16.5 CRI* 85.5 | AL24CT-HO-5.0K AL24CT-HO-4.0K AL24CT-SO-5.0K AL24CT-SO-4.0K | AL24CT-HO-5.0K-N AL24CT-HO-4.0K-N AL24CT-SO-5.0K-N AL24CT-SO-4.0K-N |

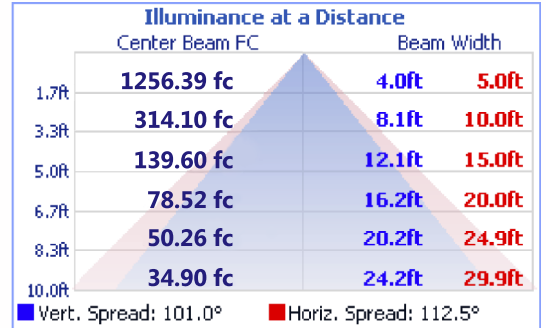
AL24CT-HO-5.0K

The following images depict the luminous intensity distribution characteristics of the luminaire.



Coefficients Of Utilization - Zonal Cavity Method

| RCC %: | 80 | | | | 70 | | | | 50 | | |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 |
| 1 | 1.09 | 1.05 | 1.00 | .97 | 1.06 | 1.02 | .99 | .85 | .98 | .95 | .92 |
| 2 | 1.00 | .91 | .85 | .79 | .97 | .90 | .84 | .72 | .86 | .81 | .77 |
| 3 | .91 | .81 | .73 | .66 | .88 | .79 | .72 | .62 | .76 | .70 | .64 |
| 4 | .83 | .72 | .63 | .56 | .81 | .70 | .62 | .53 | .68 | .61 | .55 |
| 5 | .77 | .64 | .55 | .49 | .75 | .63 | .55 | .47 | .61 | .53 | .48 |
| 6 | .71 | .58 | .49 | .42 | .69 | .57 | .48 | .41 | .55 | .47 | .42 |
| 7 | .66 | .52 | .44 | .38 | .64 | .52 | .43 | .36 | .50 | .43 | .37 |
| 8 | .61 | .48 | .39 | .34 | .60 | .47 | .39 | .33 | .46 | .38 | .33 |
| 9 | .57 | .44 | .36 | .30 | .56 | .43 | .35 | .30 | .42 | .35 | .30 |
| 10 | .54 | .41 | .33 | .27 | .52 | .40 | .32 | .27 | .39 | .32 | .27 |



| Zonal Lumen Summary | | |
|---------------------|---------|--------------------|
| Zone | Lumens | % Lamp / Luminaire |
| 0 - 60 | 2704.80 | 78.40% |
| 60 - 90 | 4407.90 | 20.50% |
| 0 - 90 | 7617.20 | 98.90% |
| 90 - 180 | 1774.20 | 1.10% |
| 0 - 180 | 9391.40 | 100% |

Dimensions

