

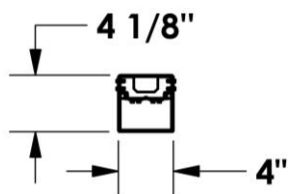
PROJECT:

NOTES:

ORDERING INFORMATION:

**EXAMPLE** PUCO - 48 - LED - 50 - 9 - 40 - H0 - MV - EM - CL3 - DM  
 SERIES      NOM. LENGTH      SOURCE      LUMENS      CRI      KELVINS      LENS      VOLTAGE      OPTIONS      CONTROLS      DRIVER

SHOP DRAWINGS



|         | A   |
|---------|-----|
| PUCO-24 | 24" |
| PUCO-36 | 36" |
| PUCO-48 | 48" |
| PUCO-8T | 96" |



ORDERING INFORMATION

| SERIES | KELVIN           |
|--------|------------------|
| PUCO   | 30 3000K         |
|        | 35 3500K         |
|        | 40 4000K         |
|        | 50 5000K         |
|        | TW Tunable White |

| NOMINAL LENGTH |            |
|----------------|------------|
| 24             | 24"        |
| 36             | 36"        |
| 48             | 48"        |
| 8T             | 96" Tandem |

| SOURCE | LENS          |
|--------|---------------|
| LED    | H0 White Opal |

LUMENS

| Lumen Package | Nom. Lumens | Wattage |
|---------------|-------------|---------|
| 24"           |             |         |
| 30            | 3,000       | 23      |
| 36"           |             |         |
| 40            | 4,000       | 40      |
| 48"           |             |         |
| 30            | 3,000       | 27      |
| 50            | 5,000       | 35      |
| 96"           |             |         |
| 80            | 8,000       | 72      |
| 120           | 12,000      | 102     |

\*Other lumen packages available.

| CRI   |        |
|-------|--------|
| BLANK | 80 CRI |
| 9     | 90 CRI |

| VOLTAGE |          |
|---------|----------|
| MV      | 120-277V |
| 347     | 347V     |

| OPTIONS |                               |
|---------|-------------------------------|
| EM      | Emergency Power Pack          |
| AC#     | Suspension Aircraft Cable #ft |

**CONTROLS**  
 Click on the following link for controls options:  
<https://bit.ly/2C5IXqa>

**DRIVER**  
 BLANK Non-dimming applications  
 DM 0-10V dimming  
 DA DALI driver  
 Click on the following link for special driver options:  
<https://bit.ly/2FqZ6qU>

FEATURES

- > Premium wall/ceiling mounted luminaire for low glare applications
- > Thin profile allows for discreet placement in coves and confined spaces
- > Extruded square lens for clean architectural look
- > Spring loaded ends for ease of lens removal and retention
- > Row mounting produces continuous illumination with minimal gaps between luminaires
- > Variety of lenses available for smooth and uniform illumination
- > Mounting accessories available for surface or suspended mounting
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Efficacies up to 128 lm/W
- > 100% made in Canada

APPLICATIONS

- > Stairwells
- > Corridors
- > Retail applications
- > Commercial applications
- > Healthcare facilities
- > Nursing homes
- > Vanities

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

**Housing/Reflector** – Precision die-formed 22-gauge C.R.S.

**Shielding** – Variety of lenses available

**Finish** – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

**Electrical** – High quality mid-power LED boards. L85 >50,000 hours

**Mounting** – Suspended or Surface

**Listings** –

- CSA certified as luminaire suitable for dry or damp locations.

- cUL certified as luminaire suitable for dry or damp locations.

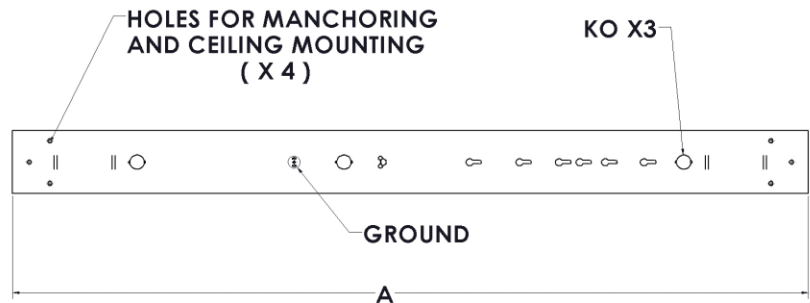
**Warranty** – 5-year limited warranty

| LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|-------------|------------------|---------|-----------------|
| 24"         |                  |         |                 |
| 30          | 2,937            | 23      | 128             |
| 36"         |                  |         |                 |
| 40          | 3,937            | 40      | 98              |
| 48"         |                  |         |                 |
| 30          | 3,017            | 27      | 112             |
| 50          | 4,965            | 43      | 115             |
| 96"         |                  |         |                 |
| 80          | 8,493            | 72      | 118             |
| 120         | 12,133           | 102     | 119             |

\*Results based on 4000K, 80 CRI, Lens H0

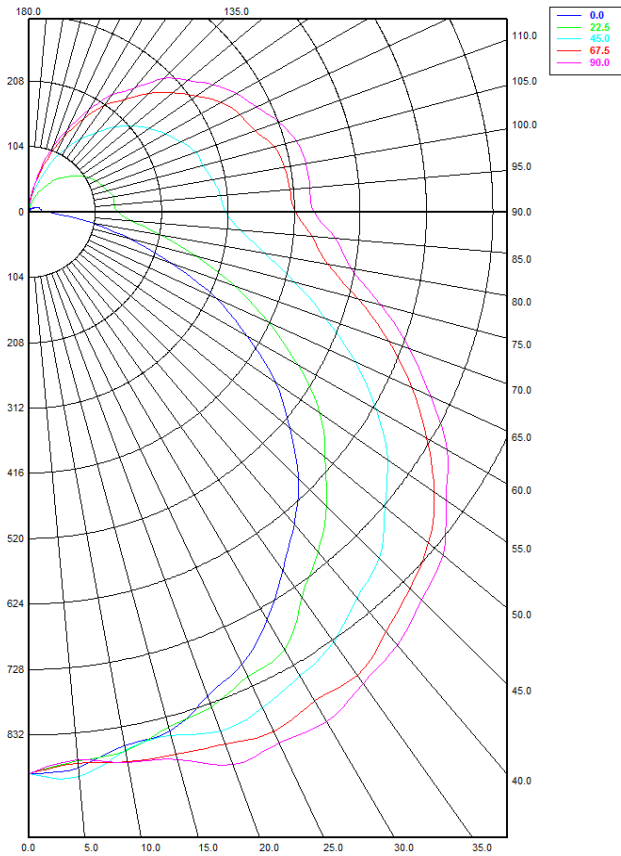
| MULTIPLIER TABLE  |                   |
|-------------------|-------------------|
| COLOR TEMPERATURE |                   |
| CCT/CRI           | CONVERSION FACTOR |
| 3000K / 80 CRI    | 0.95              |
| 3500K / 80 CRI    | 0.97              |
| 4000K / 80 CRI    | 1                 |
| 5000K / 80 CRI    | 1.03              |

FIXTURE DETAILS



PHOTOMETRY

PUCO-48-LED-50-40-H0-MV Total Luminaire Output: 4,965 lumens; 43 Watts



Candela Table

|     | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 892.94 | 892.94 | 892.94 | 892.94 | 892.94 |
| 5°  | 887.11 | 876.62 | 901.6  | 880.26 | 875.03 |
| 10° | 861.98 | 870.73 | 869.8  | 888.01 | 888.97 |
| 15° | 854.91 | 848.05 | 862.24 | 893.01 | 901.35 |
| 20° | 819.57 | 836.92 | 878.75 | 901.05 | 935.64 |
| 25° | 792.48 | 815.04 | 869.19 | 910.7  | 930.85 |
| 30° | 747.95 | 802.92 | 851.38 | 897.84 | 935.81 |
| 35° | 694.24 | 746.91 | 835.22 | 899.42 | 915.23 |
| 40° | 646.69 | 706.12 | 801.88 | 872.6  | 900.02 |
| 45° | 596.24 | 660.75 | 778.48 | 846.04 | 872.68 |
| 50° | 533    | 607.36 | 729.81 | 818.98 | 848.35 |
| 55° | 472.23 | 558.87 | 687.54 | 776.88 | 799.39 |
| 60° | 394.78 | 486.63 | 629.74 | 720.81 | 757.95 |
| 65° | 322.78 | 413.92 | 565.93 | 663.95 | 695.85 |
| 70° | 237.63 | 342.29 | 496.94 | 601.06 | 636.32 |
| 75° | 162.79 | 270.12 | 431.37 | 535.53 | 572.1  |
| 80° | 99.24  | 208.66 | 375.28 | 476.76 | 514    |
| 85° | 50.98  | 161    | 332.61 | 445.77 | 483.02 |
| 90° | 23.87  | 140.3  | 308.23 | 417.1  | 446.99 |

Luminaire Spacing Criterion (spacing to mounting height ratio)

- Two luminaires, plane 0° 1.24
- Two luminaires, plane 90° 1.55
- Four luminaires 1.57

Zonal Lumen Summary

| Zone       | Lumens   | % Lamp    | % Fixture |
|------------|----------|-----------|-----------|
| 0° - 30°   | 734.7    | 3,849.57% | 14.8%     |
| 0° - 40°   | 1,248.18 | 6,540.02% | 25.14%    |
| 0° - 60°   | 2,420.24 | 12,681.2% | 48.75%    |
| 0° - 90°   | 3,709.62 | 19,437%   | 74.71%    |
| 90° - 120° | 802.75   | 4,206.09% | 16.17%    |
| 90° - 150° | 1,204.36 | 6,310.4%  | 24.26%    |
| 90° - 180° | 1,255.43 | 6,577.99% | 25.29%    |
| 0° - 180°  | 4,965.05 | 26,015.1% | 100%      |

