

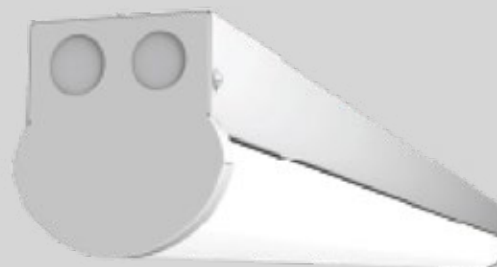
# DACH

## Mushroom Linear Strip

The DACH-LED round series is a functional and multi-purpose channel family that incorporates premium performance and construction durability. The performance and application versatility makes this fixture usable in every application. This fixture can be installed using various mounting methods and numerous options and accessories are available (see Page 3). The DACH-LED round series can be the illumination solution in commercial, industrial, institutional and retail applications. An excellent choice for storage/utility areas, coves, display cases, shops, task and general area lighting.

### FEATURES

- Die formed channel.
- Powder coated white enamel finish after fabrication.
- Easy wireway access/wireway cover removed without tools.
- Numerous KOs for easy installation.
- Also available in tandem 8' lengths, & tandem wired 16' lengths.
- UL listed for damp location
- Operating Temperature: -20°C to +50°C Ambient
- OPTICS: Architectural frosted diffuse lens eliminates pixelation, improves uniformity and minimizes glare.
- DLC Premium Listed for utility rebates (see DLC matrix below for more information)
- Performs at up to 130 lumens per watt; CRI: 80+
- Lifetime Ratings - L90: 112,000 hours; L80: 224,000 hours
- E-Emergency to provide 16W (2000 Lumens) MAX load for 90 min.
- Temperswitch allows users to select between 3500K, 4000K, and 5000K in the field by simply switching an easily accessible three position switch. Fixture comes set/standard at 40K.



### PERFORMANCE DATA

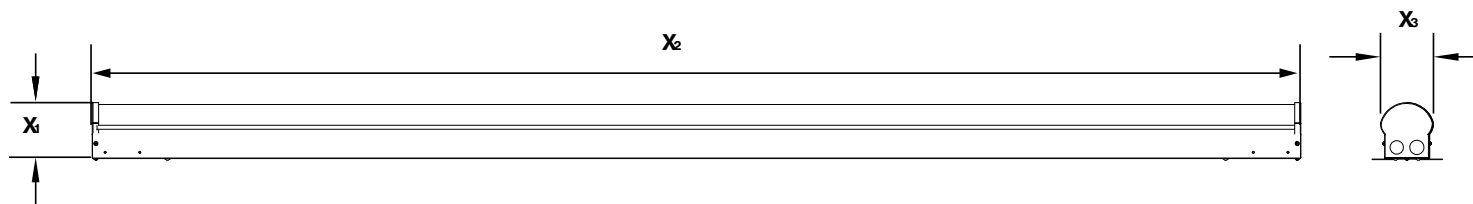
| Product ID      | Wattage                     | Lumens           | CCT                                  | Voltage  | CRI | Op. Temp      |
|-----------------|-----------------------------|------------------|--------------------------------------|----------|-----|---------------|
| DACH-GEN2-4MW40 | 24, 30, 40W<br>(Selectable) | 2860, 4680, 5720 | 3500K, 4000K, 5000K,<br>(selectable) | 120-277V | 80+ | -20°C to 40°C |
| DACH-GEN2-8MW60 | 36, 48, 60W<br>(Selectable) | 4320, 5760, 7200 |                                      |          |     |               |

### ORDERING INFORMATION

| FIXTURE SERIES |                                        |
|----------------|----------------------------------------|
| DACH           | Deco Mini Wallpack Luminaire           |
| PHASE          |                                        |
| GEN2           | Generation II: Multi Watt, Multi CCT   |
| SIZE           |                                        |
| 4              | 4 Feet                                 |
| 8              | 8 Feet                                 |
| WATTAGE        |                                        |
| MW40           | 24, 30, 40W (selectable) - 4 Feet Only |
| MW60           | 36, 48, 60W (selectable) - 8 Feet Only |

| OPTIONS  |                            |
|----------|----------------------------|
|          | None                       |
| E        | Emergency                  |
| MS       | Motion Sensor              |
| WARRANTY |                            |
| 5        | 5 Year Warranty (included) |
| 10       | 10 Year Warranty           |

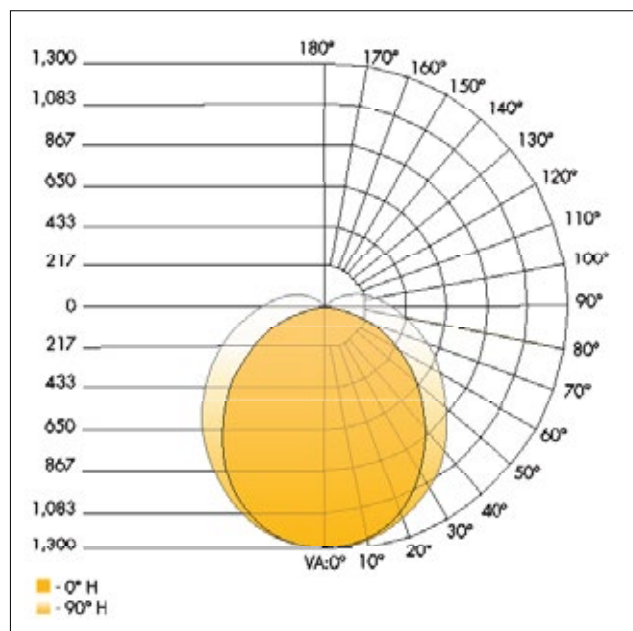
## Dimensions



|  | X <sub>1</sub> | X <sub>2</sub> | X <sub>3</sub> |
|--|----------------|----------------|----------------|
|  | 3.59"          | 47.66"         | 2.87"          |
|  | 3.59"          | 92.76"         | 2.87"          |

## Photometrics

Model 4' 35W 4000K



Coefficients of Utilization

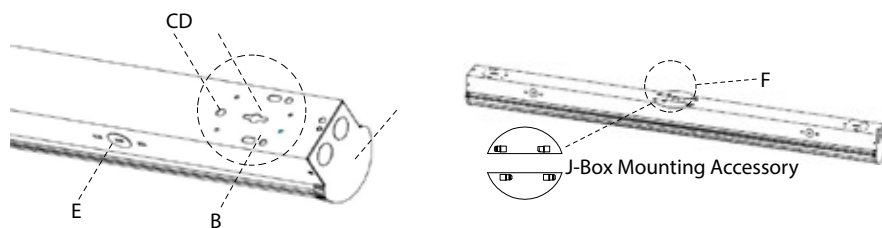
Effective Floor Cavity Reflectance: 20%

| RCC %: | 80   |      |      |       | 70   |      |      |       | 50    |       |       |     | 30    |       |     |     | 10  |     |     |     | 0   |
|--------|------|------|------|-------|------|------|------|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| RW %:  | 70   | 50   | 30   | 0     | 70   | 50   | 30   | 0     | 50    | 30    | 20    | 10  | 50    | 30    | 20  | 10  | 50  | 30  | 20  | 10  | 0   |
| RCR: 0 | 1.16 | 1.16 | 1.16 | 1.16  | 1.12 | 1.12 | 1.12 | .88   | 1.05  | 1.05  | 1.05  | .98 | .98   | .98   | .98 | .91 | .91 | .91 | .91 | .88 | .88 |
| 1      | 1.04 | .983 | .89  | 1.00  | .990 | .70  | .885 | .81   | .8279 | .77   | .7775 | .72 | .69   | .6663 | .59 | .56 | .56 | .56 | .56 | .56 | .56 |
| 2      | .985 | .771 | .982 | .7558 | .70  | .885 | .81  | .8279 | .77   | .7775 | .72   | .69 | .6663 | .59   | .56 | .56 | .56 | .56 | .56 | .56 | .56 |
| 3      | .874 | .658 | .821 | .6348 | .60  | .60  | .54  | .6257 | .52   | .5854 | .50   | .47 | .47   | .47   | .47 | .47 | .47 | .47 | .47 | .47 | .47 |
| 4      | .785 | .589 | .753 | .5541 | .52  | .52  | .46  | .5549 | .44   | .5247 | .42   | .40 | .40   | .40   | .40 | .40 | .40 | .40 | .40 | .40 | .40 |
| 5      | .758 | .492 | .686 | .4836 | .45  | .45  | .40  | .5043 | .38   | .4741 | .37   | .34 | .34   | .34   | .34 | .34 | .34 | .34 | .34 | .34 | .34 |
| 6      | .662 | .436 | .631 | .4232 | .40  | .40  | .35  | .4538 | .33   | .4236 | .32   | .30 | .30   | .30   | .30 | .30 | .30 | .30 | .30 | .30 | .30 |
| 7      | .647 | .382 | .596 | .3728 | .36  | .36  | .30  | .4134 | .29   | .3833 | .28   | .26 | .26   | .26   | .26 | .26 | .26 | .26 | .26 | .26 | .26 |
| 8      | .573 | .328 | .592 | .3425 | .34  | .34  | .27  | .3731 | .26   | .3530 | .25   | .23 | .23   | .23   | .23 | .23 | .23 | .23 | .23 | .23 | .23 |
| 9      | .539 | .326 | .588 | .3123 | .30  | .30  | .24  | .3428 | .24   | .3327 | .23   | .21 | .21   | .21   | .21 | .21 | .21 | .21 | .21 | .21 | .21 |
| 10     | .506 | .283 | .485 | .2821 | .28  | .28  | .22  | .3226 | .21   | .3025 | .21   | .19 | .19   | .19   | .19 | .19 | .19 | .19 | .19 | .19 | .19 |

## Zonal Lumen Summary

| Zone   | Lumens  | %Luminaire |
|--------|---------|------------|
| 0-30   | 982.6   | 21.5%      |
| 0-40   | 1,603.6 | 35.1%      |
| 0-60   | 2,850.5 | 62.3%      |
| 50-90  | 1,186.4 | 25.9%      |
| 70-100 | 877.0   | 19.2%      |
| 90-120 | 422.1   | 9.2%       |
| 0-90   | 4,036.9 | 88.2%      |
| 90-180 | 537.9   | 11.8%      |
| 0-180  | 4,574.8 | 100%       |

## Mounting Details



|    |                              |
|----|------------------------------|
| A: | End Cap                      |
| B: | Suspension-mount with v-hook |
| C: | Surface Mount                |
| D: | T-Bar Clip Mounting hole     |
| E: | Wiring Knockout              |

Accessories ((Ordered and Shipped Separately)

|            |                                                |
|------------|------------------------------------------------|
| Mounting   |                                                |
| 5011003-6  | V-hook and Aircraft Cable Suspension Kit - 6'  |
| 5011003-10 | V-hook and Aircraft Cable Suspension Kit - 10' |

Projected LED Maintenance

|                          |                                   |        |        |         |         |
|--------------------------|-----------------------------------|--------|--------|---------|---------|
| Operating Hours          | 0                                 | 25,000 | 50,000 | 100,000 | 150,000 |
| Lumen Maintenance Factor | 25°C (77°F) Ambient Outdoor Temp  |        |        |         |         |
|                          | 1                                 | 0.99   | 0.96   | 0.91    | 0.86    |
|                          | 45°C (113°F) Ambient Outdoor Temp |        |        |         |         |
|                          | 1                                 | 0.96   | 0.90   | 0.81    | 0.72    |