

Type	Job. Ref.
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5x24LD

5" x 24" LED
Recessed Downlight

2700 Delivered Lumens

PRODUCT SPECIFICATION DATA

The Peachtree 5x24LD is an appealing and economical alternative to the standard round or square recessed downlight.

MECHANICAL

- Use -GR option for lay-in grid ceilings
- Use -FM option for hard ceiling applications
- Precision formed .050 aluminum housing
- Serviceable and upgradeable light engine
- White powder coat finish

OPTICAL

White Acrylic Regressed or Flush Diffuser

ELECTRICAL

Standard with 0-10V dimming (10-100%)
Wiring compartment contained inside fixture

PERFORMANCE

CCT: 3500K; 4000K @ 80+ CRI
70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008.

TESTS

ETL tested and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
Suitable for damp location
IC Rated, suitable for direct contact with insulation.

5 Year limited warranty



Dimensions and specifications in this literature are subject to change.

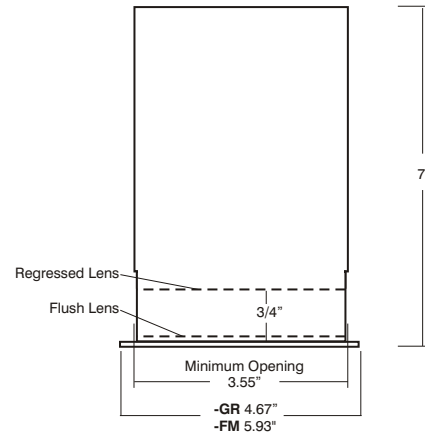
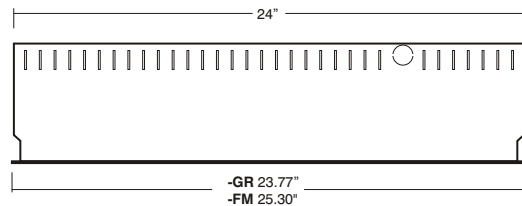


IC Rated



0-10v Dimming Standard

LED



	DELIVERED LUMENS @ 35K	COLOR TEMPERATURE	LENS PLACEMENT	MOUNTING	OPTIONS	VOLTAGE
5x24LD						
5" x 24" LED Recessed Downlight	-25 2736 lumens	-35K 3500 K -40K 4000 K	-RE Regressed -FL Flush	-GR Lay In Grid -FM Flange Mount	-F Fusing -EML1 Remote Emergency Battery Backup	-120-277

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5x24LD



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5" x 24" LED
Recessed Downlight

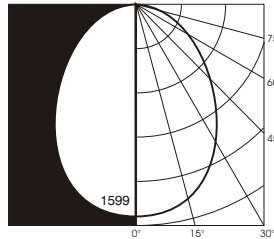
Here is the performance story: Design criteria: 100x100 room; 10' ceilings; 2.5 work plane; refl. 80/50/20; LLF .9
 8x10 centers = 30 maintained foot candles @ .56 watts/sq. ft. (uniformity 1.9:1)
 10x10 centers = 27 maintained foot candles @ .47 watts/sq. ft. (uniformity 1.3:1)

5x24LD-27-35K-RE

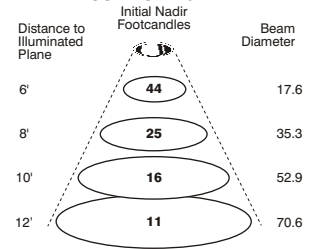
Test No: 1503031024-001
 Source: Linear Board
 Color Temp: 3500K
 Total Fixture Lumens: 2736

Input Current
 Voltage: Watts: Amps:
 120 47 0.39
 277 47 0.17

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

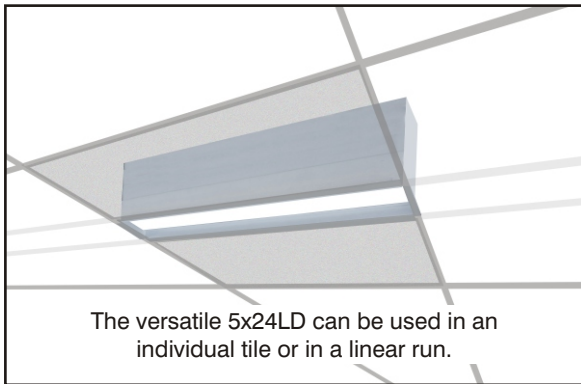


All Peachtree LED products are baseline tested at 3500K. When a warmer or cooler color temperature is specified, the light output values will vary. Use the following chart to adjust the values for your application.

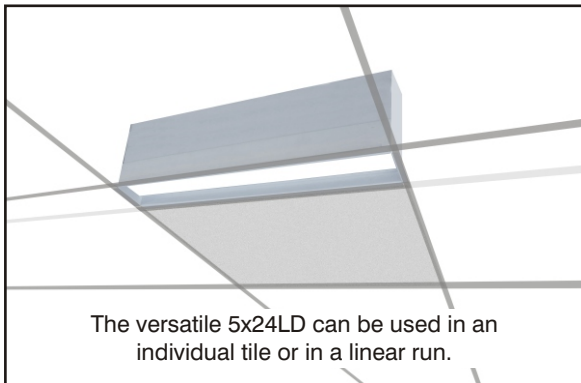
CCT LUMEN CONVERSION
 4000K = 1.04

MOUNTING OPTIONS (not interchangeable)

-GR Lay in Grid



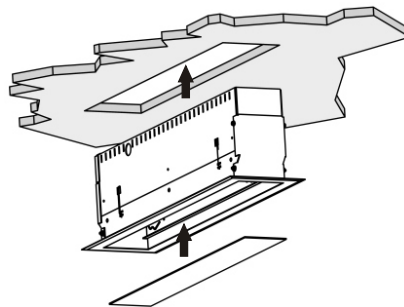
Installed Center of Tile



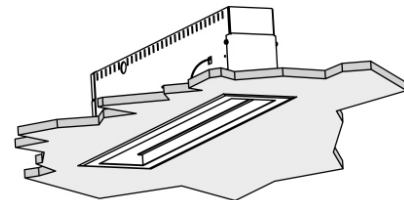
Installed Edge of Tile

-FM Flange Mount (for hard ceilings)

- 1) Cut opening in ceiling to 4.5" (±.125) x 23.5" (±.125).
- 2) Wire the unit below the ceiling surface.
- 3) With retaining springs inside the body of the unit, lift fixture into the ceiling until flange is flush at bottom.



- 4) Holding the flange flush to the ceiling surface, reach inside the fixture and push each of the 4 retainer springs outside the body of the fixture until each locks in place holding the flange securely to the ceiling surface.



- 5) Insert lens into bottom of the fixture at an angle and drop into place resting on the metal ledges in the unit.