



# Flat Panel

Designed for uniform illumination in commercial interiors, this flat panel delivers consistent, glare-controlled light across large spaces. Its slim profile integrates cleanly into standard ceiling systems, making it a reliable solution for healthcare, education, and office environments where efficiency and low maintenance matter.

- Multiple field-selectable wattage options ranging from 18W up to 72W depending on fixture size
- Compatible with standard commercial voltage for broad application flexibility
- Field-adjustable color temperatures including 3000K, 3500K, 4000K, 5000K, and 6500K
- High performance output delivering up to 125lm per watt
- Offered in 1x4, 2x2, 2x4
- Available with emergency backup options for code compliance and power outage scenarios
- Includes a 5 Year standard warranty



## Performance Data

| Product ID      | Size    | Wattage             | Lumens      | CCT                    | Efficacy |
|-----------------|---------|---------------------|-------------|------------------------|----------|
| LFC-FLT-14-40MW | 1' x 4' | 20, 25, 30, 35, 40W | 2500 - 5000 | 30K, 35K, 40K, 50K 65K | 125 lm/W |
| LFC-FLT-22-40MW | 2' x 2' | 20, 25, 30, 40W     | 2500 - 5000 |                        |          |
| LFC-FLT-24-45MW | 2' x 4' | 36, 40, 45W         | 4500 - 5625 | 30K, 40K, 50K          |          |
| LFC-FLT-24-38MW |         | 18, 28, 38W         | 2250 - 4750 |                        |          |
| LFC-FLT-24-72MW |         | 40, 50, 72W         | 5000 - 9000 | 40K, 50K, 65K          |          |

## Ordering Information

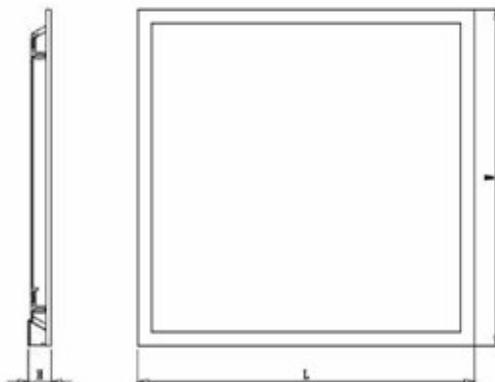
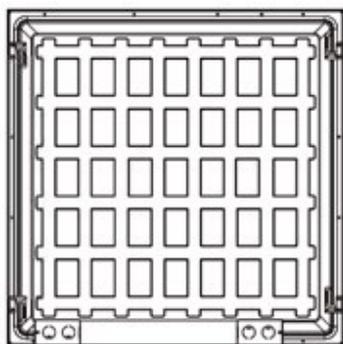
| FIXTURE |                                |
|---------|--------------------------------|
| LFC-FLT | Lighting FC Flat Panel Fixture |
| SIZE    |                                |
| 14      | 1' x 4'                        |
| 22      | 2' x 2'                        |
| 24      | 2' x 4'                        |
| WATTAGE |                                |
| 40MW    | 20, 25, 30, 35, 40W            |
| 40MW    | 20, 25, 30, 40W                |
| 45MW    | 36, 40, 45W                    |
| 38MW    | 18, 28, 38W                    |
| 72MW    | 40, 50, 72W                    |

| OPTIONS  |                            |
|----------|----------------------------|
| -        | None                       |
| MS       | Motion Sensor              |
| EM       | Emergency Back-Up          |
| WARRANTY |                            |
| 5        | 5 Year Warranty (included) |





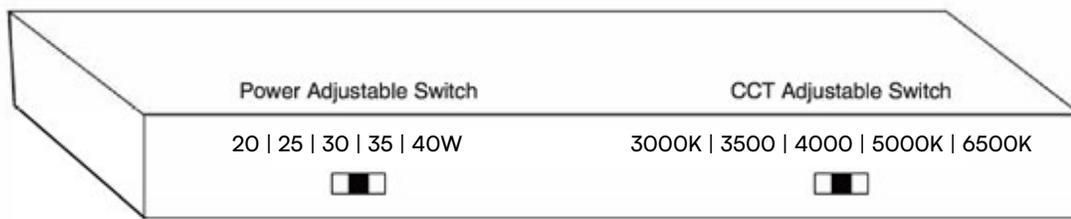
### Dimensions



|       | L     | W     | H     |
|-------|-------|-------|-------|
| 2 x 4 | 47.7" | 23.7" | 1.61" |
| 1 x 4 | 47.7" | 11.9" | 1.61" |
| 2 x 2 | 23.7" | 23.7" | 1.61" |

### Power & CCT Adjustable.

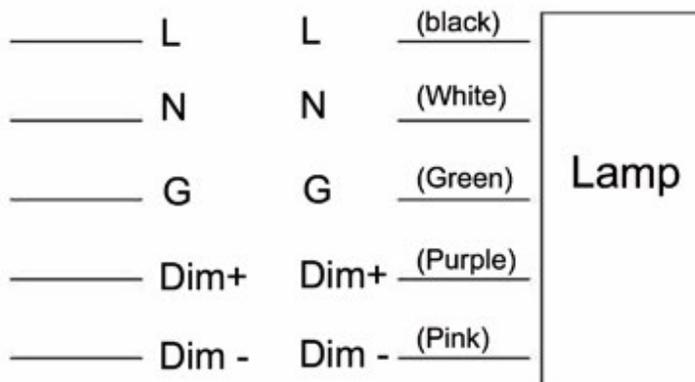
1' x 4'



### Notes:

Before wiring the fixture with the power supply on, turn off the electrical power at fuse box or circuit breaker (CB) box. Check for the input and output rating on the fixture label and make sure to use the correct supply voltage. Observe proper polarity when connecting the power to the driver. Unit must be grounded as per code. L = input line or hot, N =Neutral. All connections should be according to NEC or any applicable local code.

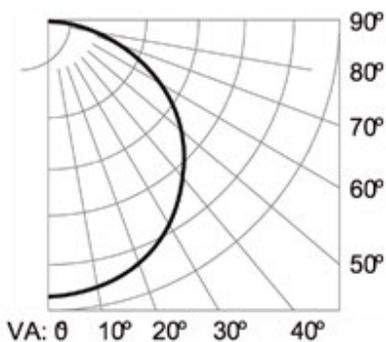
### Wiring Diagram



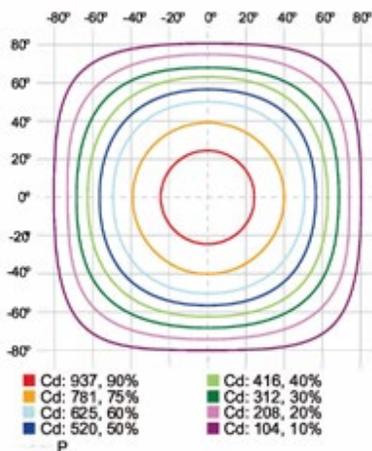


# Photometrics

1x4



Isofootcandle



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % LUMINAIRE |
|--------|---------|-------------|
| 0-30   | 810.7   | 26.9%       |
| 0-40   | 1,331.3 | 44.1%       |
| 0-60   | 2,365.7 | 78.4%       |
| 60-90  | 645.1   | 21.4%       |
| 70-100 | 271.7   | 9%          |
| 90-120 | 3.5     | 0.1%        |
| 0-90   | 3,010.8 | 99.7%       |
| 90-180 | 8.3     | 0.3%        |
| 0-180  | 3,019.2 | 100%        |

### LUMENS PER ZONE

| ZONE  | LUMENS | % TOTAL | ZONE    | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 98.5   | 3.3%    | 90-100  | 1.2    | 0%      |
| 10-20 | 282.6  | 9.4%    | 100-110 | 1.1    | 0%      |
| 20-30 | 429.7  | 14.2%   | 110-120 | 1.1    | 0%      |
| 30-40 | 520.5  | 17.2%   | 120-130 | 1.2    | 0%      |
| 40-50 | 542.5  | 18.0%   | 130-140 | 1.1    | 0%      |
| 50-60 | 492.0  | 16.3%   | 140-150 | 1.0    | 0%      |
| 60-70 | 374.6  | 12.4%   | 150-160 | 0.8    | 0%      |
| 70-80 | 213.1  | 7.1%    | 160-170 | 0.5    | 0%      |
| 80-90 | 57.4   | 1.9%    | 170-180 | 0.2    | 0%      |

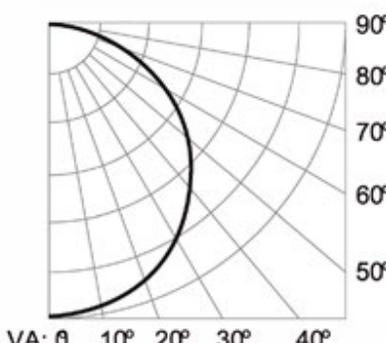
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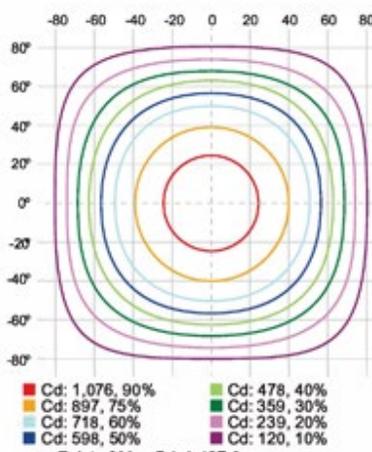
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| 50-60 | 492.0  | 16.3%   | 140-150 | 1.0    | 0%      |
| 60-70 | 374.6  | 12.4%   | 150-160 | 0.8    | 0%      |
| 70-80 | 213.1  | 7.1%    | 160-170 | 0.5    | 0%      |
| 80-90 | 57.4   | 1.9%    | 170-180 | 0.2    | 0%      |

2x2



Isofootcandle



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % LUMINAIRE |
|--------|---------|-------------|
| 0-30   | 930.9   | 26.9%       |
| 0-40   | 1,527.9 | 44.1%       |
| 0-60   | 2,714.0 | 78.4%       |
| 60-90  | 738.3   | 21.3%       |
| 70-100 | 309.9   | 9%          |
| 90-120 | 4.2     | 0.1%        |
| 0-90   | 3,452.3 | 99.7%       |
| 90-180 | 9.6     | 0.3%        |
| 0-180  | 3,461.9 | 100%        |

### LUMENS PER ZONE

| ZONE  | LUMENS | % TOTAL | ZONE    | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 113.2  | 3.3%    | 90-100  | 1.4    | 0%      |
| 10-20 | 324.5  | 9.4%    | 100-110 | 1.3    | 0%      |
| 20-30 | 493.2  | 14.2%   | 110-120 | 1.5    | 0%      |
| 30-40 | 597.0  | 17.2%   | 120-130 | 1.5    | 0%      |
| 40-50 | 622.1  | 18.0%   | 130-140 | 1.4    | 0%      |
| 50-60 | 563.9  | 16.3%   | 140-150 | 1.0    | 0%      |
| 60-70 | 429.8  | 12.4%   | 150-160 | 0.7    | 0%      |
| 70-80 | 245.0  | 7.1%    | 160-170 | 0.5    | 0%      |
| 80-90 | 63.5   | 1.8%    | 170-180 | 0.2    | 0%      |

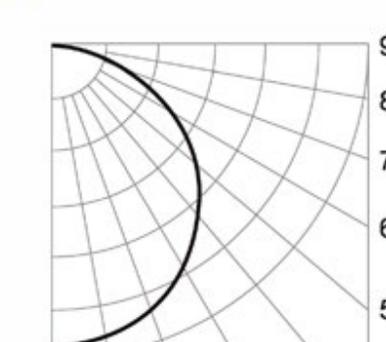
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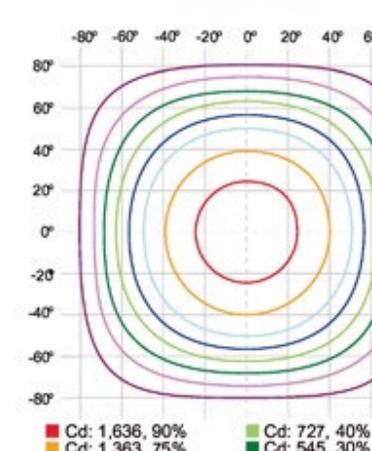
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| 40-50 | 622.1  | 18.0%   | 130-140 | 1.4    | 0%      |
| 50-60 | 563.9  | 16.3%   | 140-150 | 1.0    | 0%      |
| 60-70 | 429.8  | 12.4%   | 150-160 | 0.7    | 0%      |
| 70-80 | 245.0  | 7.1%    | 160-170 | 0.5    | 0%      |
| 80-90 | 63.5   | 1.8%    | 170-180 | 0.2    | 0%      |

2x4



Isofootcandle



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % LUMINAIRE |
|--------|---------|-------------|
| 0-30   | 1,417.7 | 26.8%       |
| 0-40   | 2,328.9 | 44.1%       |
| 0-60   | 4,141.5 | 78.4%       |
| 60-90  | 1,131.8 | 21.4%       |
| 70-100 | 476.4   | 9%          |
| 90-120 | 5.1     | 0.1%        |
| 0-90   | 5,273.4 | 99.8%       |
| 90-180 | 9.2     | 0.2%        |
| 0-180  | 5,282.6 | 100%        |

### LUMENS PER ZONE

| ZONE  | LUMENS | % TOTAL | ZONE    | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 172.1  | 3.3%    | 90-100  | 2.0    | 0%      |
| 10-20 | 494.0  | 9.4%    | 100-110 | 1.7    | 0%      |
| 20-30 | 751.7  | 14.2%   | 110-120 | 1.5    | 0%      |
| 30-40 | 911.2  | 17.2%   | 120-130 | 1.2    | 0%      |
| 40-50 | 950.5  | 18.0%   | 130-140 | 1.0    | 0%      |
| 50-60 | 862.1  | 16.3%   | 140-150 | 0.8    | 0%      |
| 60-70 | 657.4  | 12.4%   | 150-160 | 0.6    | 0%      |
| 70-80 | 375.8  | 7.1%    | 160-170 | 0.4    | 0%      |
| 80-90 | 98.6   | 1.9%    | 170-180 | 0.1    | 0%      |

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| 90-180 | 9.2     | 0.2%        |
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