



| LED Module | System Watts ² (W) | LED Current (mA) | 3000K | | | | | 4000K | | | | |
|---------------|-------------------------------|------------------|---------------------------|---|---|---|-----------------|---------------------------|---|---|---|-----------------|
| | | | Lumen Output ³ | B | U | G | Efficacy (LM/W) | Lumen Output ³ | B | U | G | Efficacy (Lm/W) |
| 18 LED05 L2B | 30 | 530 | 3167 | 1 | 0 | 1 | 104 | 3442 | 1 | 0 | 1 | 113 |
| 18 LED05 L3 | 30 | 530 | 3358 | 1 | 0 | 1 | 111 | 3619 | 1 | 0 | 1 | 119 |
| 18 LED05 L3FL | 30 | 530 | 2919 | 1 | 0 | 1 | 97 | 3162 | 1 | 0 | 1 | 104 |
| 18 LED05 L5S | 30 | 530 | 3430 | 2 | 0 | 1 | 114 | 3747 | 2 | 0 | 1 | 124 |
| 18 LED07 L2B | 40 | 700 | 4131 | 1 | 0 | 1 | 104 | 4544 | 1 | 0 | 1 | 113 |
| 18 LED07 L3 | 40 | 700 | 4432 | 1 | 0 | 1 | 111 | 4776 | 1 | 0 | 1 | 119 |
| 18 LED07 L3FL | 40 | 700 | 3853 | 1 | 0 | 1 | 97 | 4173 | 1 | 0 | 1 | 104 |
| 18 LED07 L5S | 40 | 700 | 4528 | 2 | 0 | 1 | 114 | 4946 | 2 | 0 | 1 | 124 |
| 36 LED05 L2B | 60 | 530 | 6334 | 1 | 0 | 1 | 104 | 6885 | 1 | 0 | 1 | 113 |
| 36 LED05 L3 | 60 | 530 | 6716 | 1 | 0 | 1 | 111 | 7237 | 1 | 0 | 1 | 119 |
| 36 LED05 L3FL | 60 | 530 | 5839 | 2 | 0 | 1 | 97 | 6323 | 2 | 0 | 2 | 104 |
| 36 LED05 L5S | 60 | 530 | 6861 | 3 | 0 | 1 | 114 | 7494 | 3 | 0 | 1 | 124 |
| 36 LED07 L2B | 80 | 700 | 8614 | 2 | 0 | 1 | 104 | 9225 | 2 | 0 | 2 | 113 |
| 36 LED07 L3 | 80 | 700 | 8999 | 1 | 0 | 1 | 111 | 9698 | 1 | 0 | 2 | 119 |
| 36 LED07 L3FL | 80 | 700 | 7824 | 2 | 0 | 2 | 97 | 8473 | 2 | 0 | 2 | 104 |
| 36 LED07 L5S | 80 | 700 | 9193 | 3 | 0 | 1 | 114 | 10041 | 3 | 0 | 1 | 124 |
| 54 LED05 L2B | 90 | 530 | 9501 | 2 | 0 | 2 | 104 | 10327 | 2 | 0 | 2 | 113 |
| 54 LED05 L3 | 90 | 530 | 10073 | 2 | 0 | 2 | 111 | 10856 | 2 | 0 | 2 | 119 |
| 54 LED05 L3FL | 90 | 530 | 8758 | 2 | 0 | 2 | 97 | 9485 | 2 | 0 | 2 | 104 |
| 54 LED05 L5S | 90 | 530 | 10291 | 3 | 0 | 1 | 114 | 11240 | 3 | 0 | 1 | 124 |
| 54 LED07 L2B | 120 | 700 | 12667 | 2 | 0 | 2 | 104 | 13769 | 2 | 0 | 2 | 113 |
| 54 LED07 L3 | 120 | 700 | 13431 | 2 | 0 | 2 | 111 | 14474 | 2 | 0 | 2 | 119 |
| 54 LED07 L3FL | 120 | 700 | 11677 | 2 | 0 | 2 | 97 | 12646 | 3 | 0 | 3 | 104 |
| 54 LED07 L5S | 120 | 700 | 13721 | 3 | 0 | 2 | 114 | 14987 | 3 | 0 | 2 | 124 |
| 72 LED05 L2B | 120 | 530 | 12667 | 2 | 0 | 2 | 104 | 13769 | 2 | 0 | 2 | 113 |
| 72 LED05 L3 | 120 | 530 | 13431 | 2 | 0 | 2 | 111 | 14474 | 2 | 0 | 2 | 119 |
| 72 LED05 L3FL | 120 | 530 | 11677 | 2 | 0 | 2 | 97 | 12646 | 3 | 0 | 3 | 104 |
| 72 LED05 L5S | 120 | 530 | 13721 | 3 | 0 | 2 | 114 | 14987 | 3 | 0 | 2 | 124 |

LUUMA family with clear flat lens only, LED CRI = 70, System (LED + driver) rated life = 100,000 hrs¹

1. L70 = 100,000 hrs (at ambient temperature = 25°C).
 2. System wattage includes the LED module and the LED driver. May vary based on input voltage, by up to +/- 10%, and based on manufacturer forward voltage, by up to +/- 8%.
 3. Lumen values based on photometric tests performed in compliance with IESNA LM-79. Note: Some data may be scaled based on tests of similar, but not identical, luminaires.

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

| Ambient Temperature °C | Driver mA | Calculated L70 Hours | L70 per TM-21 | Lumen Maintenance % at 60,000 hrs |
|------------------------|--------------|----------------------|---------------|-----------------------------------|
| 25°C | up to 700 mA | >100,000 hours | >60,000 hours | >94% |

Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without prior notice and at the discretion of Lumca. IES files with other lens, CCT, Distribution and/or HSS (house side shield) are also available – contact factory.