



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

LIO family with clear flat glass 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.

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.



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

LIO family with clear flat glass 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.