LUUMA
FAMILY

LED wattage and lumen values
LU-BA c/w Bare optic lenses

LED Module	System Watts[2] (W)	LED Current (mA)	3000K					4000K not available				
			Lumen Output[3]	B	U	G	Efficacy (LM/W)	Lumen Output[3]	B	U	G	Efficacy (Lm/W)
12 LED05 L4	20	530	1691	B1	U3	G1	84					
12 LED07 L4	27	700	2234	B1	U3	G1	77					
18 LED05 L2B	30	530	2273	B1	U3	G1	76					
18 LED05 L3	30	530	2459	B1	U3	G1	82					
18 LED05 L3FL	30	530	2295	B1	U3	G1	77					
18 LED05 L5	30	530	2790	B1	U3	G1	93					
18 LED07 L2B	40	700	3134	B1	U3	G1	74.5					
18 LED07 L3	40	700	3248	B1	U3	G1	76					
18 LED07 L3FL	40	700	3031	B1	U3	G1	73					
18 LED07 L5	40	700	3686	B1	U3	G1	88					

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.