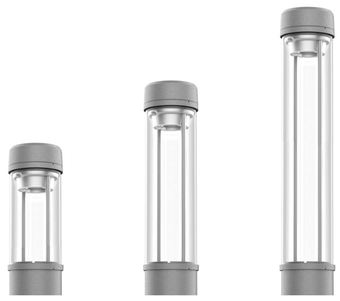


AURA

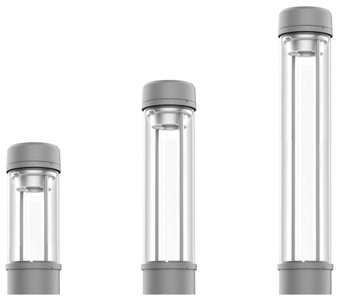
AURA Column

	3000K					4000K						
	Lumen Output	Efficacy (lm/W)	B	U	G	Lumen Output	Efficacy (lm/W)	B	U	G	Watts	Source
Type I	1396	93	2	4	3	1474	98	2	4	3	15	28 LED01
	1939	97	2	4	3	2017	101	2	4	3	20	28 LED02
	2793	93	2	4	3	2948	98	2	4	3	30	28 LED03
	4654	93	2	4	3	4809	96	2	4	3	50	28 LED05
	5895	91	2	4	3	6128	94	2	4	3	65	28 LED07
Type II	1334	89	2	4	3	1408	94	2	4	3	15	28 LED01
	1853	93	2	4	3	1927	96	2	4	3	20	28 LED02
	2668	89	2	4	3	2817	94	2	4	3	30	28 LED03
	4447	89	2	4	3	4625	93	2	4	3	50	28 LED05
	5633	87	2	4	3	5855	90	2	4	3	65	28 LED07
Type II HSS	1193	80	1	4	3	1260	84	1	4	3	15	28 LED01
	1657	83	1	4	3	1724	86	1	4	3	20	28 LED02
	2386	80	1	4	3	2519	84	1	4	3	30	28 LED03
	3977	80	1	4	3	4110	82	1	4	3	50	28 LED05
	5038	78	1	4	3	5237	80	1	4	3	65	28 LED07
Type III	1488	99	2	4	3	1550	103	2	4	3	15	28 LED01
	2036	102	2	4	3	2121	106	2	4	3	20	28 LED02
	2976	99	2	4	3	3100	103	2	4	3	30	28 LED03
	4888	98	2	4	3	5091	102	2	4	3	50	28 LED05
	6188	95	2	4	3	6446	99	2	4	3	65	28 LED07
Type IV	1415	94	2	4	3	1493	100	2	4	3	15	28 LED01
	1965	98	2	4	3	2043	102	2	4	3	20	28 LED02
	2829	94	2	4	3	2986	100	2	4	3	30	28 LED03
	4715	94	2	4	3	4904	98	2	4	3	50	28 LED05
	5973	92	2	4	3	6209	96	2	4	3	65	28 LED07

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.

Calculated L70 Hours
>100,000 hours

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.



AURA

AURA Column

	3000K					4000K						
	Lumen Output	Efficacy (lm/W)	B	U	G	Lumen Output	Efficacy (lm/W)	B	U	G	Watts	Source
Type V	1547	103	2	4	3	1597	106	2	4	3	15	28 LED01
	2104	105	2	4	3	2199	110	2	4	3	20	28 LED02
	3158	105	2	4	3	3260	109	2	4	3	30	28 LED03
	5037	101	2	4	3	5265	105	2	4	3	50	28 LED05
	6376	98	2	4	3	6664	103	2	4	3	65	28 LED07
90 degree	1383	92	2	4	2	1460	97	2	4	2	15	28 LED01
	1921	96	2	4	2	1997	100	2	4	2	20	28 LED02
	2766	92	2	4	2	2919	97	2	4	2	30	28 LED03
	4609	92	2	4	2	4763	95	2	4	2	50	28 LED05
	5838	90	2	4	2	6069	93	2	4	2	65	28 LED07

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.

Calculated L70 Hours

>100,000 hours

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