



Symbol	Type	Qty	Manufacturer / Catalog Number	Lumen Output	Watts	Ballast Factor	Light Loss Factor
●	SA-2	1	PHILIPS_LED_900WattE4K-ES-LE2	4884	97.8	1.000	0.855
●	SA-4	2	PHILIPS_LED_900WattE4K-ES-LE4	5022	100.59	1.000	0.855
●	SA-5	2	PHILIPS_LED_900WattE4K-ES-LE5	4790	100.68	1.000	0.855

Calculation Grid Location	Calc. Height (ft.)	Units	Avg.	Max.	Min.	Avg/Min
GRADE Plane	0	Fc	0.57	2.2	0.0	N.A.
SIDEWALK Top	0.089	Fc	0.65	2.6	0.0	N.A.

Notes:
 1. Surface reflectance: Vertical/Horizontal - 50/20.
 2. Calculation values shown in grade.
 3. Mounting heights: As shown.
 4. Luminaire descriptions do not necessarily reflect specification model number. Contact salesperson for verification.
 5. System lamp data used unless otherwise noted. LED luminaire uses integrated photometric lamp data, which is provided by manufacturer.
 6. Lighting power density is calculated based on estimated ballast/driver energy consumption. Engineer to verify.