



LSI Industries Parking Garage (General Area) Design Matrix

Meets: IES RP-8-Parking Facilities IES G-1-Security Lighting (6.0fc+ Average)

Horizontal Levels @ Floor: Minimum: 0.90FC Max./Min.: 10:1 Avg./Min.: 4:1 | Vertical Drive Aisle Levels @ 5': Minimum: 0.50FC

Reflectances: 35% Ceiling 35% Walls 20% Floor

Fixture	Fixture				Spacing & Height																																		
	LLF - 25C / 25,000hrs	Lumens	Watts	Lumens/Watt	20' X 30'			25' X 30'			30' X 30'			35' X 30'			40' X 30'																						
					8'	10'	12'	8'	10'	12'	8'	10'	12'	8'	10'	12'	8'	10'	12'	14'	16'																		
OPS-03L-5Q-40K8	1.00	3,100	20	155	5.07	4.87	4.68	4.07	3.91	3.75	3.38	3.26	3.12																										
OPS-05L-5Q-40K8	1.00	5,126	34	151	8.38	8.05	7.72	6.71	6.47	6.22	5.59	5.38	5.17	4.80	4.62	4.44	4.19	4.01	3.87	3.73	3.60																		
OPS-06L-5Q-40K8	1.00	6,211	41	151	10.15	9.77	9.36	8.13	7.83	7.52	6.77	6.52	6.27	5.81	5.60	5.37	5.09	4.88	4.71	4.52	4.37																		
OPS-08L-5Q-40K8	1.00	8,139	55	148	13.30	12.79	12.27	10.66	10.26	9.87	8.88	8.55	8.21	7.62	7.33	7.04	6.67	6.39	6.17	5.92	5.71																		
OPS-10L-5Q-40K8	1.00	10,222	70	146	16.71	16.06	15.40	13.40	12.89	12.40	11.15	10.74	10.31	9.56	9.21	8.85	8.38	8.02	7.74	7.43	7.18																		
OPS-12L-5Q-40K8	1.00	12,237	85	144	20.01	19.24	18.45	16.03	15.44	14.84	13.35	12.86	12.35	11.44	11.03	10.59	10.03	9.60	9.27	8.90	8.59																		
OPS-14L-5Q-40K8	1.00	14,148	100	141	23.14	22.24	21.33	18.53	17.84	17.15	15.43	14.86	14.27	13.23	12.75	12.24	11.60	11.10	10.71	10.29	9.93																		
EXN-EGLED-03L-T5W-40-70CRI	0.94	3,140	22	143	4.56	4.34	4.10	3.68	3.49	3.31	3.06																												
EXN-EGLED-05L-T5W-40-70CRI	0.94	5,241	37	142	7.65	7.26	6.90	6.14	5.84	5.57	5.13	4.89	4.65	4.38	4.20	4.00	3.84	3.65	3.50	3.36	3.21																		
EXN-EGLED-06L-T5W-40-70CRI	0.94	6,263	44	142	9.14	8.68	8.25	7.34	6.97	6.65	6.13	5.84	5.56	5.24	5.00	4.78	4.59	4.36	4.19	4.00	3.82																		
EXN-EGLED-08L-T5W-40-70CRI	0.94	8,230	60	137	12.00	11.40	10.82	9.63	9.16	8.73	8.05	7.68	7.31	6.90	6.58	6.27	6.02	5.73	5.50	5.25	5.01																		
EXN-EGLED-10L-T5W-40-70CRI	0.94	10,006	76	132	14.53	13.82	13.11	11.67	11.11	10.57	9.75	9.28	8.84	8.35	7.97	7.60	7.31	6.95	6.65	6.36	6.06																		
EXN-EGLED-11L-T5W-40-70CRI	0.94	11,134	87	128	16.18	15.37	14.59	13.00	12.37	11.78	10.85	10.34	9.86	9.30	8.87	8.46	8.13	7.72	7.42	7.08	6.76																		
CPG-LED-03L-CA-W-40	0.90	3,387	25	138	5.05	4.82	4.59	4.04	3.88	3.68		3.23	3.08																										
CPG-LED-05L-CA-W-40	0.90	5,527	41	134	8.22	7.85	7.44	6.58	6.30	6.00	5.49	5.25	5.01		4.50	4.28		3.93	3.76	3.60	3.48																		
CPG-LED-07L-CA-W-40	0.90	7,693	59	130	11.44	10.92	10.35	9.16	8.77	8.34	7.62	7.30	6.95		6.25	5.97		5.45	5.21	5.11	4.82																		
CPG-LED-10L-CA-W-40	0.90	9,830	80	124	14.61	13.95	13.21	11.70	11.19	10.64	9.73	9.32	8.88		7.98	7.61		6.96	6.50	6.39	6.16																		
EG3-4-LED-06L-SA-PG-40-80	0.90	6,458	48	135	8.72	8.42	8.12	7.00	6.78	6.57	5.88	5.71	5.51	5.50	4.89	4.75	4.42	4.27	4.17	4.02	3.90																		
XPG4-LED-03L-5W-40	0.97	3,197	24	132	5.14	4.89	4.68	4.11	3.92	3.79		3.26	3.17																										
XPG4-LED-05L-5W-40	0.97	5,085	40	128	8.17	7.76	7.46	6.54	6.23	6.02	5.45	5.20	5.02	4.68	4.44	4.30		3.88	3.77	3.63	3.52																		
XPG4-LED-07L-5W-40	0.97	7,143	59	120	11.48	10.93	10.47	9.16	8.76	8.47	7.63	7.30	7.05	6.56	6.26	6.05		5.45	5.30	5.11	4.94																		
XPG4-LED-10L-5W-40	0.95	10,094	91	111	16.25	15.42	14.82	12.98	12.37	11.98	10.82	10.33	9.96	9.29	8.84	8.55		7.71	7.50	7.22	7.00																		
HPG-10L-5Q-40K8	0.96	10,042	79	127		14.06	13.47		11.29	10.82		9.38	9.05		8.80	7.73		7.05	6.77	6.48	6.25																		
HPG-13L-5Q-40K8	0.95	13,030	106	123		18.25	17.49		14.64	14.06		12.17	11.75		10.48	10.03		9.14	8.89	8.40	8.11																		
HPG-15L-5Q-40K8	0.95	15,089	126	120		21.13	20.25		16.96	16.26		14.09	13.60		12.12	11.61		10.59	10.19	9.73	9.40																		
HPG-20L-5Q-40K8	0.95	19,249	114	169		26.96	25.83		21.63	20.74		17.99	17.34		15.48	14.80		13.51	12.99	12.42	11.99																		
HPG-23L-5Q-40K8	0.95	21,982	111	198		30.79	29.51		24.70	23.71		20.54	19.79		17.67	16.91		15.43	14.84	14.18	13.68																		

Design configurations meet IES RP8 & IES G-1, and are tested to IES standards.
 LM-79 reports and IES photometric files are available from our WEB site at www.lsicorp.com
 Application Layouts are available upon request. Contact the LSI Applications Group at lighting.apps@lsicorp.com

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