



# LINEAR LOW PROFILE

## LG SERIES



Project: \_\_\_\_\_

Date: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Product Benefits:

- Over 35% thinner profile than traditional vapor tight product
- The thinnest, most efficacious product family in DLC parking garage category
- Wide light throw - best in class "profile to distribution ratio"
- Vandal resistant with style
- Robust anodized construction can handle the harshest environments
- Impact-resistant acrylic lens
- Developed in the USA. Manufactured & Assembled in the USA of U.S. and imported parts
- 12 guage thru-wired for long end to end mounting

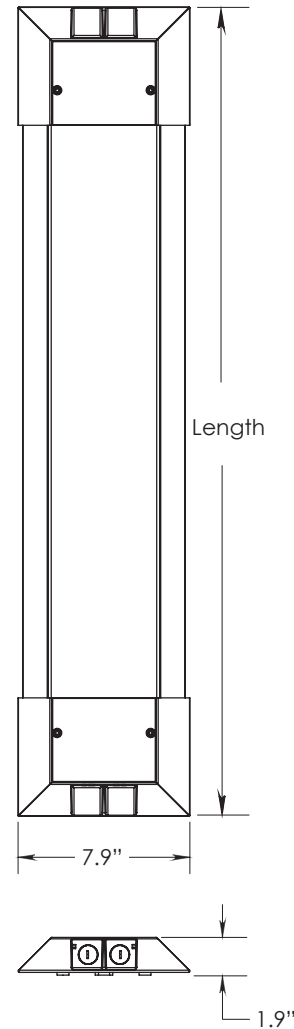
### Performance & Specifications:

Color Temperature ..... 4000K, 5000K  
 CRI ..... 84 min  
 Input Voltage ..... 120-277VAC, 347VAC  
 Ingress Protection Rating ..... IP65  
 Warranty ..... 5 Years  
 Projected L70\* ..... min 200,000 hrs  
 Dimming ..... 0-10 Volts

\*L70 TM-21 projection calculated at 25 °C.

Optic	Product	Length (in.)	Input Power (W)	Max Lumens (nominal)	Efficacy
High Beam, Clear Lens	<b>LG24</b>	25	18.7	2200	>111
	<b>LG36</b>	33.6	37.5	4400	
	<b>LG48</b>	44.5	58	6700	
	<b>LG55</b>	55.7	76	8800	
High Beam, Diffused Lens	<b>LG24</b>	25	18.7	2100	
	<b>LG36</b>	33.6	37.5	4200	
	<b>LG48</b>	44.5	58	6500	
	<b>LG55</b>	55.7	76	8400	
Specific Lumen Outputs					
	<b>LG36-2700L</b>	33.6	22.1	2700	122.6
	<b>LG48-3040L</b>	44.5	24	3040	127

### Measurements:



### Additional Ordering Options:

- Mounting styles - Surface, Pendant and Suspended 4 ft standard
- Integrated Occupancy and Daylight & Harvesting Sensor - Field Programmable
- Battery backup

### Qualifications:





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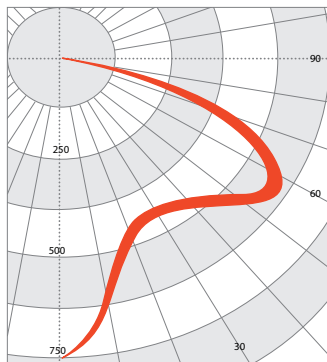
LG24 PHOTOMETRIC DETAILS (REPRESENTATIVE)

### High Beam, Clear Lens

Intensity Summary (cd)

Gamma	C-Plane					Flux (lm)
	C0	C22.5	C45	C67.5	C90	
0.0	759	759	759	759	759	
5.0	722	726	738	749	755	69
10.0	631	644	681	726	747	
15.0	552	563	606	687	732	176
20.0	497	506	542	635	711	
25.0	477	474	490	577	685	245
30.0	475	466	450	518	651	
35.0	479	464	432	464	613	299
40.0	493	469	419	412	569	
45.0	522	485	408	362	519	344
50.0	564	516	403	324	463	
55.0	591	545	408	290	400	384
60.0	591	550	419	256	332	
65.0	555	525	411	224	260	378
70.0	450	440	371	197	184	
75.0	299	295	275	167	108	241
80.0	137	139	142	105	45	
85.0	13	15	15	25	8	34
90.0	1	0	1	0	0	

Polar Plane Symmetry



Zonal Flux and Percentages

Zone	Flux (lm)	% Lamp	% Luminaire
0-30	490	N/A	22.6
0-40	788	N/A	36.3
0-60	1516	N/A	69.9
0-90	2169	N/A	100.0
40-90	1381	N/A	63.7
60-90	653	N/A	30.1
90-180	0	N/A	0.0
0-180	2169	N/A	100.0

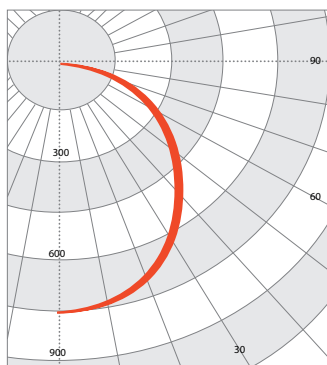
LG24 PHOTOMETRIC DETAILS (REPRESENTATIVE)

### High Beam, Diffused Lens

Intensity Summary (cd)

Gamma	C-Plane					Flux (lm)
	C0	C22.5	C45	C67.5	C90	
0.0	777	777	777	777	777	
5.0	755	757	764	770	773	69
10.0	701	708	728	751	762	
15.0	639	648	678	720	742	176
20.0	590	597	624	680	715	
25.0	563	562	576	633	680	245
30.0	552	544	537	583	639	
35.0	552	535	506	530	589	299
40.0	553	531	480	477	532	
45.0	546	520	455	425	471	344
50.0	524	496	425	374	407	
55.0	486	459	387	324	343	384
60.0	432	408	341	273	282	
65.0	365	345	287	222	223	378
70.0	285	271	226	170	165	
75.0	198	189	158	117	110	241
80.0	113	108	90	65	60	
85.0	40	38	32	22	19	34
90.0	5	5	3	2	0	

Polar Plane Symmetry



Zonal Flux and Percentages

Zone	Flux (lm)	% Lamp	% Luminaire
0-30	541	N/A	25.9
0-40	876	N/A	42.0
0-60	1598	N/A	46.5
0-90	2083	N/A	99.8
40-90	1206	N/A	57.8
60-90	485	N/A	23.2
90-180	5	N/A	0.2
0-180	2088	N/A	100.0



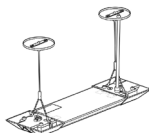
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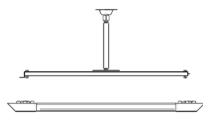
**MOUNTING OPTIONS:** 4 mounting styles . . . to start from. All the mounting options you need to be the perfect fit for the project.



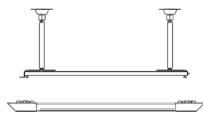
END TO END



SUSPENDED



SINGLE PENDANT



DOUBLE PENDANT

**CONSTRUCTION:** The LG series product line is constructed with an anodized aluminum, low profile body to not only withstand the toughest weather conditions, but also the toughest neighborhoods.



Raffino can configure products to fit your customer's specific needs. Contact us for more details!



Search DLC QLP as "LG48-XXXXL". Use similar search for alternate product sizes.



LG24

### APPLICATIONS

Lumen output	Wall Wash	Stairwell	Garage	Canopy	Marine	Cold Storage
LG24	●	●			●	
LG36	●	●	●		●	●
LG48		●	●	●	●	●
LG55				●		●

Product Size	Lumen Output	Color Temp.	Mounting Options	Beam Spread	Lens Type	Power Options	Sensory Option	Packaging
LG24	2200L 2200 Lumens	40K-4000K 50K-5000K	<b>N</b> -Standard Troffer <b>UP</b> -Universal adapter plate <b>S1</b> - Suspension (2 loop) <b>S2</b> - Suspension (2 loop and power) <b>S3</b> - Suspension - double j-box with covers <b>P1</b> -Single Pendant <b>P2</b> -Double Pendant	<b>H</b> -High Beam <b>L</b> -Low Beam	<b>C</b> -Clear <b>D</b> -Diffuse	<b>N</b> -None (standard) <b>B</b> -Emergency Battery Pack <b>3</b> -347 V	<b>N</b> -None <b>SE</b> -Occupancy only <b>SED1</b> -Daylight harvesting & occupancy	<b>D</b> -Distributor Pack <b>B</b> -Bulk Pack* *Minimum Orders: LG24 - 43 qty LG36 - 43 qty LG48 - 34 qty LG55 - 25 qty
LG36	4400L 4400 Lumens							
LG48	6700L-6700 Lumens							
LG55	8800-8800 Lumens							

Order Form									Qty
LG	____ L*	___ K							
	____ L*	___ K							
	____ L*	___ K							

\*Write-in custom lumen value if required, must be less than max lumens / size

**EXAMPLE ORDER:** LG48-6700L-50K-NHC-N-SE-D