

Luminaire

Code 90648L150

Name ELI SQ /W L150 PB 930 35° HO

Measurem.

Code 5/9/2023

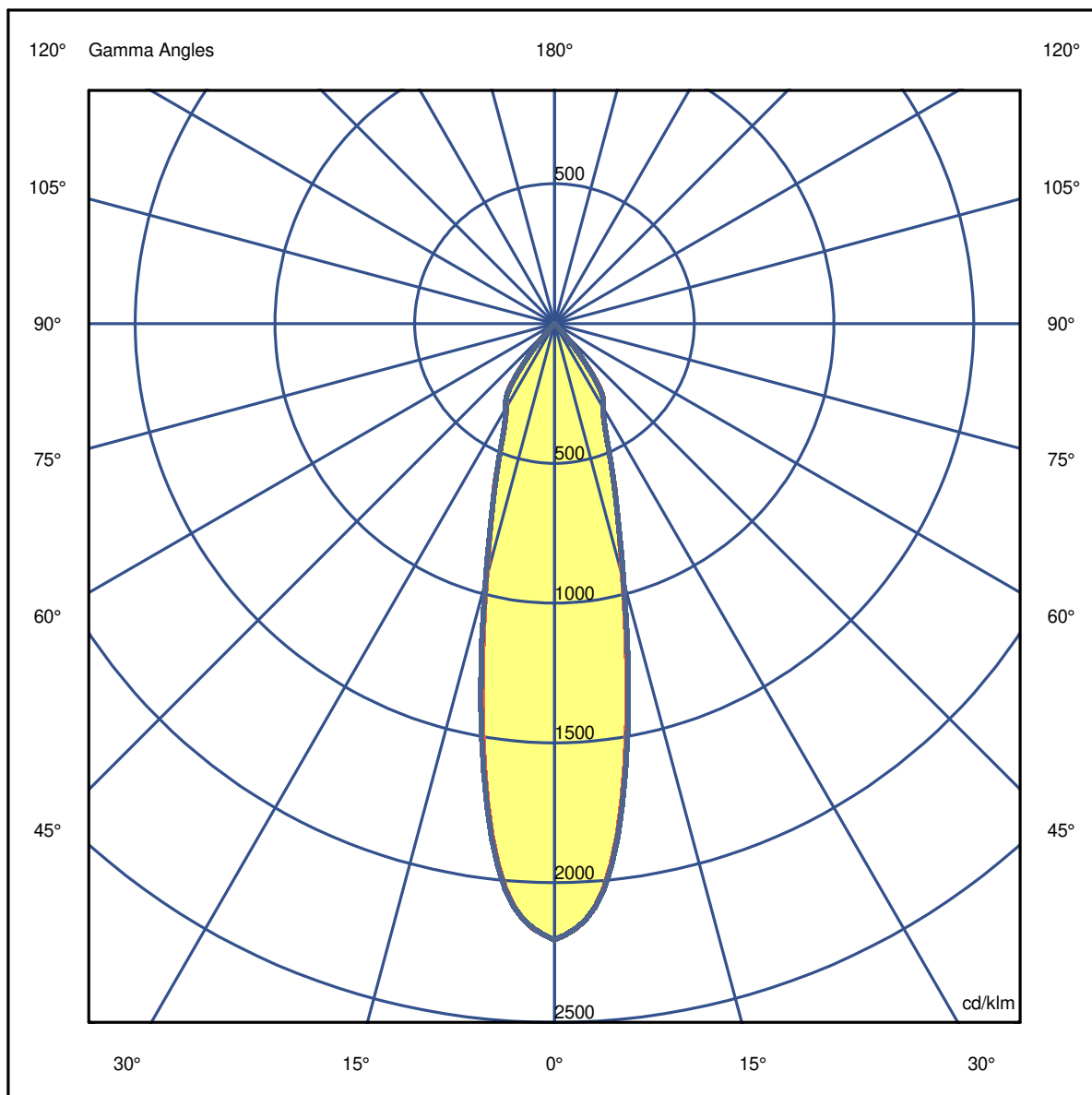
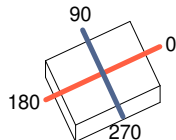
Name ELI SQ /W L150 PB 930 35° HO

Luminaire Flux	1062 lm	Luminaire Power	10.0 W	Efficacy	105.864 lm/W	Efficiency	85.01%
Source Flux	1249 lm	Maximum value	2204.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 105mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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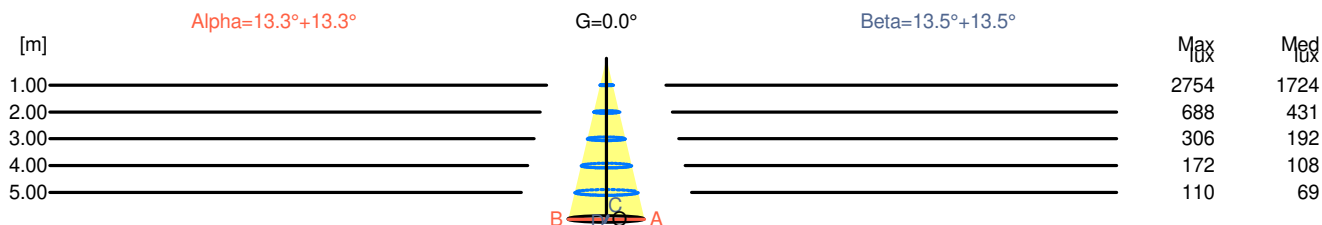
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.24	0.47	0.71	0.95	1.18	OC	0.24	0.48	0.72	0.96	1.20
OB	0.24	0.47	0.71	0.95	1.18	OD	0.24	0.48	0.72	0.96	1.20

	0	5	15	25	35	45	55	65	75	85
OA	2753.55	2531.85	1176.68	542.32	351.97	20.61	2.12	0.75	0.75	0.75
OB	2753.55	2531.85	1176.68	542.32	351.97	20.61	2.12	0.75	0.75	0.75
OC	2753.55	2535.72	1193.79	543.56	348.22	22.11	2.37	0.75	0.75	0.75
OD	2753.55	2535.72	1193.79	543.56	348.22	22.11	2.37	0.75	0.75	0.75



H[m]	D[m]	Max lux	Med lux	Alpha=13.3°+13.3°	G=0.0
1.00	0.47	2754	1724		
2.00	0.95	688	431		
3.00	1.42	306	192		
4.00	1.89	172	108		
5.00	2.37	110	69		

H[m]	D[m]	Max lux	Med lux	Beta=13.5°+13.5°	G=0.0
1.00	0.48	2754	1724		
2.00	0.96	688	431		
3.00	1.44	306	192		
4.00	1.92	172	108		
5.00	2.40	110	69		

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UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	15.5	16.2	15.8	16.4	16.6	15.5	16.1	15.7	16.3	16.5
x=2H y=3H	15.4	16.0	15.7	16.2	16.5	15.3	15.9	15.6	16.2	16.4
x=2H y=4H	15.3	15.9	15.6	16.1	16.4	15.3	15.8	15.6	16.1	16.3
x=2H y=6H	15.3	15.8	15.6	16.0	16.3	15.2	15.7	15.5	16.0	16.3
x=2H y=8H	15.2	15.7	15.6	16.0	16.3	15.2	15.7	15.5	16.0	16.2
x=2H y=12H	15.2	15.6	15.5	16.0	16.3	15.1	15.6	15.5	15.9	16.2
x=4H y=2H	15.3	15.9	15.6	16.1	16.4	15.3	15.8	15.6	16.1	16.3
x=4H y=3H	15.2	15.6	15.5	16.0	16.3	15.1	15.6	15.5	15.9	16.2
x=4H y=4H	15.1	15.5	15.5	15.8	16.2	15.1	15.5	15.4	15.8	16.1
x=4H y=6H	15.0	15.4	15.4	15.7	16.1	15.0	15.3	15.4	15.7	16.0
x=4H y=8H	15.0	15.3	15.4	15.7	16.1	15.0	15.2	15.4	15.6	16.0
x=4H y=12H	15.0	15.2	15.4	15.6	16.0	14.9	15.2	15.4	15.6	16.0
x=8H y=4H	15.0	15.3	15.4	15.7	16.1	14.9	15.2	15.4	15.6	16.0
x=8H y=6H	14.9	15.1	15.4	15.6	16.0	14.9	15.1	15.3	15.5	16.0
x=8H y=8H	14.9	15.0	15.3	15.5	16.0	14.8	15.0	15.3	15.4	15.9
x=8H y=12H	14.8	15.0	15.3	15.4	15.9	14.8	14.9	15.3	15.4	15.9
x=12H y=4H	15.0	15.2	15.4	15.6	16.0	14.9	15.2	15.3	15.6	16.0
x=12H y=6H	14.9	15.0	15.3	15.5	16.0	14.8	15.0	15.3	15.4	15.9
x=12H y=8H	14.8	15.0	15.3	15.4	15.9	14.8	14.9	15.3	15.4	15.9

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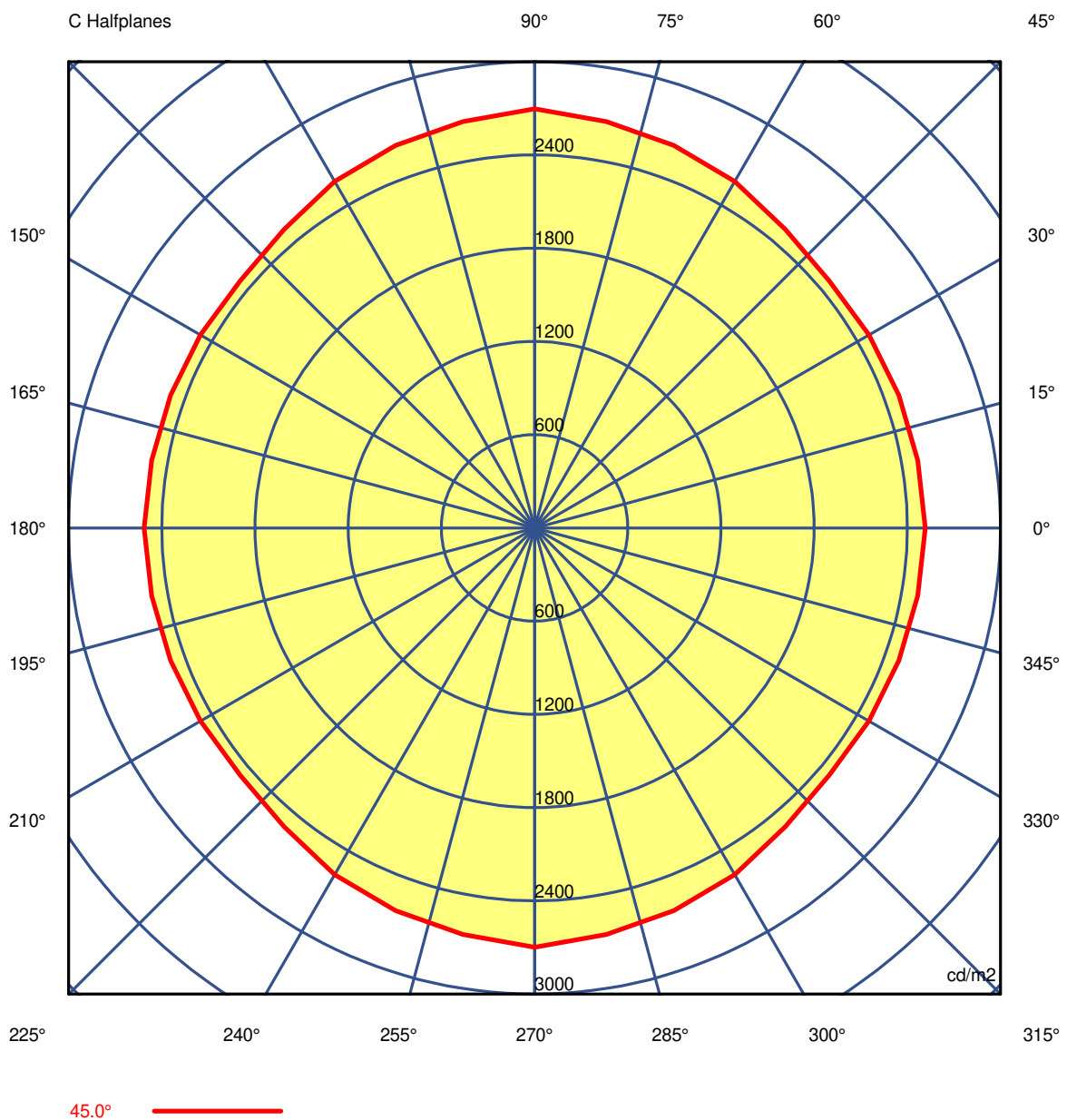
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Source Flux	1249 lm	Maximum value	2204.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	1062 lm	Luminaire Power				10.0 W	Efficacy	105.864 lm/W			Efficiency	85.01%	
Source Flux	1249 lm	Maximum value				2204.60 cd/klm	Position	C=0.00 G=0.00			CG	Double Symmetrical	
Luminance cd/m2 Table 1/3													
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318
G 5.0	482910	484059	484398	484340	484673	484379	483291	483629	484006	483649	484006	483629	483291
G 10.0	320078	322108	323269	323552	323759	324514	325191	324606	324199	324156	324199	324606	325191
G 15.0	187025	187197	187856	188911	188911	189509	190916	190755	190093	189745	190093	190755	190916
G 20.0	116383	116408	116555	116680	116315	116614	117254	116721	116297	116198	116297	116721	117254
G 25.0	75858	75584	75702	75945	75763	76000	76557	76422	76125	76033	76125	76422	76557
G 30.0	57771	57824	58083	58321	58137	58087	58254	58176	58093	58071	58093	58176	58254
G 35.0	45186	45229	45221	45186	45171	45020	44801	44780	44747	44705	44747	44780	44801
G 40.0	16349	16275	16251	16209	16044	15949	15897	15685	15575	15555	15575	15685	15897
G 45.0	2515	2505	2496	2485	2476	2510	2576	2620	2656	2698	2656	2620	2576
G 50.0	587	552	542	542	542	555	587	587	587	587	587	587	587
G 55.0	254	266	269	269	269	274	284	284	284	284	284	284	284
G 60.0	165	157	139	120	120	120	120	120	120	120	120	120	120
G 65.0	91	91	91	91	91	91	91	91	91	91	91	91	91
G 70.0	92	92	92	92	92	92	92	92	92	92	92	92	92
G 75.0	95	72	58	63	89	89	63	58	72	95	72	58	63
G 80.0	98	98	88	65	65	65	65	65	73	98	73	65	65
G 85.0	103	103	89	68	93	97	68	62	78	103	78	62	68
G 90.0	108	84	62	54	68	69	54	54	54	54	54	54	54

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Source Flux	1249 lm	Maximum value			2204.60 cd/klm	Position	C=0.00 G=0.00			CG	Double Symmetrical		
Luminance cd/m2 Table 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318
G 5.0	484379	484673	484340	484398	484059	482910	484059	484398	484340	484673	484379	483291	483629
G 10.0	324514	323759	323552	323269	322108	320078	322108	323269	323552	323759	324514	325191	324606
G 15.0	189509	188911	188911	187856	187197	187025	187197	187856	188911	188911	189509	190916	190755
G 20.0	116614	116315	116680	116555	116408	116383	116408	116555	116680	116315	116614	117254	116721
G 25.0	76000	75763	75945	75702	75584	75588	75584	75702	75945	75763	76000	76557	76422
G 30.0	58087	58137	58321	58083	57824	57771	57824	58083	58321	58137	58087	58254	58176
G 35.0	45020	45171	45186	45221	45229	45186	45229	45221	45186	45171	45020	44801	44780
G 40.0	15949	16044	16209	16251	16275	16349	16275	16251	16209	16044	15949	15897	15685
G 45.0	2510	2476	2485	2496	2505	2515	2505	2496	2485	2476	2510	2576	2620
G 50.0	555	542	542	542	552	587	552	542	542	542	555	587	587
G 55.0	274	269	269	269	266	254	266	269	269	269	274	284	284
G 60.0	120	120	120	139	157	165	157	139	120	120	120	120	120
G 65.0	91	91	91	91	91	91	91	91	91	91	91	91	91
G 70.0	92	92	92	92	92	92	92	92	92	92	92	92	92
G 75.0	89	89	63	58	72	95	72	58	63	89	89	63	58
G 80.0	65	65	65	88	98	98	98	88	65	65	65	65	65
G 85.0	97	93	68	89	103	103	103	89	68	93	97	68	62
G 90.0	69	68	54	62	84	108	84	62	54	68	69	54	54

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Source Flux	1249 lm	Maximum value	2204.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	591318	591318	591318	591318	591318	591318	591318	591318	591318	591318
G 5.0	484006	483649	484006	483629	483291	484379	484673	484340	484398	484059
G 10.0	324199	324156	324199	324606	325191	324514	323759	323552	323269	322108
G 15.0	190093	189745	190093	190755	190916	189509	188911	188911	187856	187197
G 20.0	116297	116198	116297	116721	117254	116614	116315	116680	116555	116408
G 25.0	76125	76033	76125	76422	76557	76000	75763	75945	75702	75584
G 30.0	58093	58071	58093	58176	58254	58087	58137	58321	58083	57824
G 35.0	44747	44705	44747	44780	44801	45020	45171	45186	45221	45229
G 40.0	15575	15555	15575	15685	15897	15949	16044	16209	16251	16275
G 45.0	2656	2698	2656	2620	2576	2510	2476	2485	2496	2505
G 50.0	587	587	587	587	587	555	542	542	542	552
G 55.0	284	284	284	284	284	274	269	269	269	266
G 60.0	120	120	120	120	120	120	120	120	139	157
G 65.0	91	91	91	91	91	91	91	91	91	91
G 70.0	92	92	92	92	92	92	92	92	92	92
G 75.0	72	95	72	58	63	89	89	63	58	72
G 80.0	73	98	73	65	65	65	65	65	88	98
G 85.0	78	103	78	62	68	97	93	68	89	103
G 90.0	54	54	54	54	54	69	68	54	62	84