

**Luminaire**

Code 90675L150

Name ELI SQ /W L150 PB 930 35° LO

**Measurem.**

Code 5/9/2023

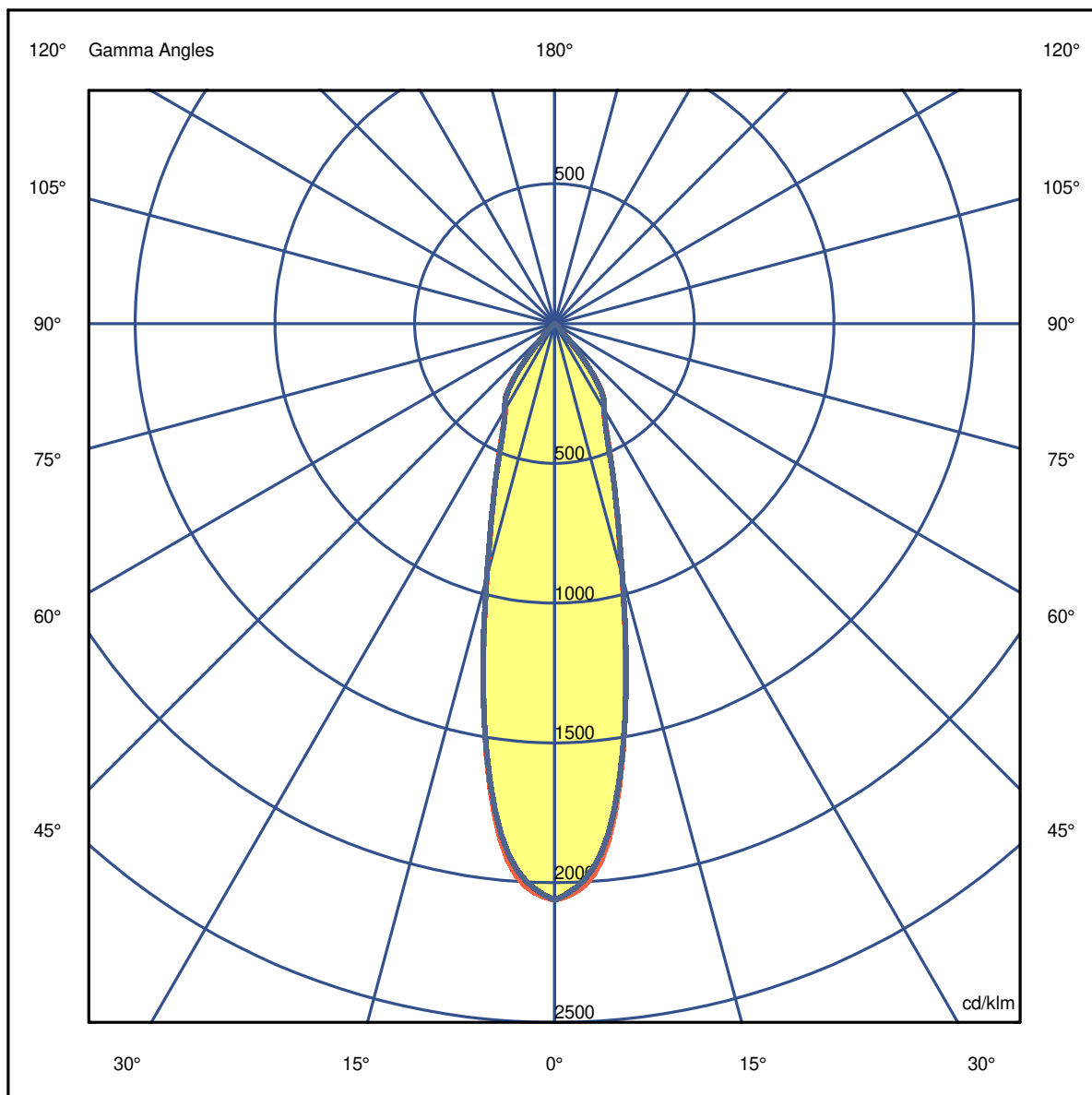
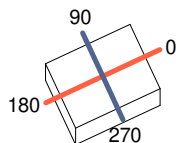
Name ELI SQ /W L150 PB 930 35° LO

Luminaire Flux	663 lm	Luminaire Power	6.5 W	Efficacy	102.455 lm/W	Efficiency	84.99%
Source Flux	780 lm	Maximum value	2061.80 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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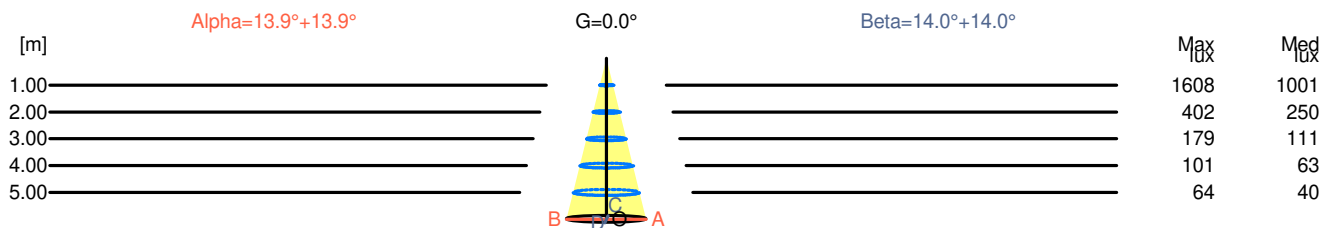
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Width at 50.00 % of Max Intensity

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	0.25	0.50	0.74	0.99	1.24	OC	0.25	0.50	0.75	1.00	1.24
OB	0.25	0.50	0.74	0.99	1.24	OD	0.25	0.50	0.75	1.00	1.24

	0	5	15	25	35	45	55	65	75	85
OA	1608.20	1502.44	727.97	348.43	225.58	16.07	1.72	0.31	0.00	0.00
OB	1608.20	1502.44	727.97	348.43	225.58	16.07	1.72	0.31	0.00	0.00
OC	1608.20	1484.57	731.80	345.15	222.30	16.15	1.79	0.70	0.00	0.00
OD	1608.20	1484.57	731.80	345.15	222.30	16.15	1.79	0.70	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=13.9°+13.9°	G=0.0
1.00	0.50	1608	1001		
2.00	0.99	402	250		
3.00	1.49	179	111		
4.00	1.98	101	63		
5.00	2.48	64	40		

H[m]	D[m]	Max lux	Med lux	Beta=14.0°+14.0°	G=0.0
1.00	0.50	1608	1001		
2.00	1.00	402	250		
3.00	1.49	179	111		
4.00	1.99	101	63		
5.00	2.49	64	40		

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Source Flux	780 lm	Maximum value	2061.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	14.2	14.9	14.5	15.1	15.3	14.2	14.9	14.5	15.1	15.3
x=2H y=3H	14.1	14.7	14.4	14.9	15.1	14.1	14.7	14.4	14.9	15.1
x=2H y=4H	14.0	14.6	14.3	14.8	15.1	14.0	14.6	14.3	14.8	15.1
x=2H y=6H	13.9	14.5	14.3	14.7	15.0	13.9	14.5	14.3	14.7	15.0
x=2H y=8H	13.9	14.4	14.2	14.7	15.0	13.9	14.4	14.2	14.7	15.0
x=2H y=12H	13.9	14.3	14.2	14.6	14.9	13.9	14.3	14.2	14.6	14.9
x=4H y=2H	14.0	14.6	14.3	14.8	15.1	14.0	14.6	14.3	14.8	15.1
x=4H y=3H	13.9	14.3	14.2	14.6	14.9	13.9	14.3	14.2	14.6	14.9
x=4H y=4H	13.8	14.2	14.2	14.5	14.9	13.8	14.2	14.2	14.5	14.9
x=4H y=6H	13.7	14.0	14.1	14.4	14.8	13.7	14.0	14.1	14.4	14.8
x=4H y=8H	13.7	14.0	14.1	14.3	14.8	13.7	14.0	14.1	14.4	14.8
x=4H y=12H	13.6	13.9	14.1	14.3	14.7	13.6	13.9	14.1	14.3	14.7
x=8H y=4H	13.7	14.0	14.1	14.3	14.8	13.7	14.0	14.1	14.4	14.8
x=8H y=6H	13.6	13.8	14.0	14.2	14.7	13.6	13.8	14.0	14.2	14.7
x=8H y=8H	13.5	13.7	14.0	14.2	14.6	13.6	13.7	14.0	14.2	14.6
x=8H y=12H	13.5	13.6	14.0	14.1	14.6	13.5	13.6	14.0	14.1	14.6
x=12H y=4H	13.6	13.9	14.1	14.3	14.7	13.6	13.9	14.1	14.3	14.7
x=12H y=6H	13.5	13.7	14.0	14.2	14.6	13.6	13.7	14.0	14.2	14.6
x=12H y=8H	13.5	13.6	14.0	14.1	14.6	13.5	13.6	14.0	14.1	14.6

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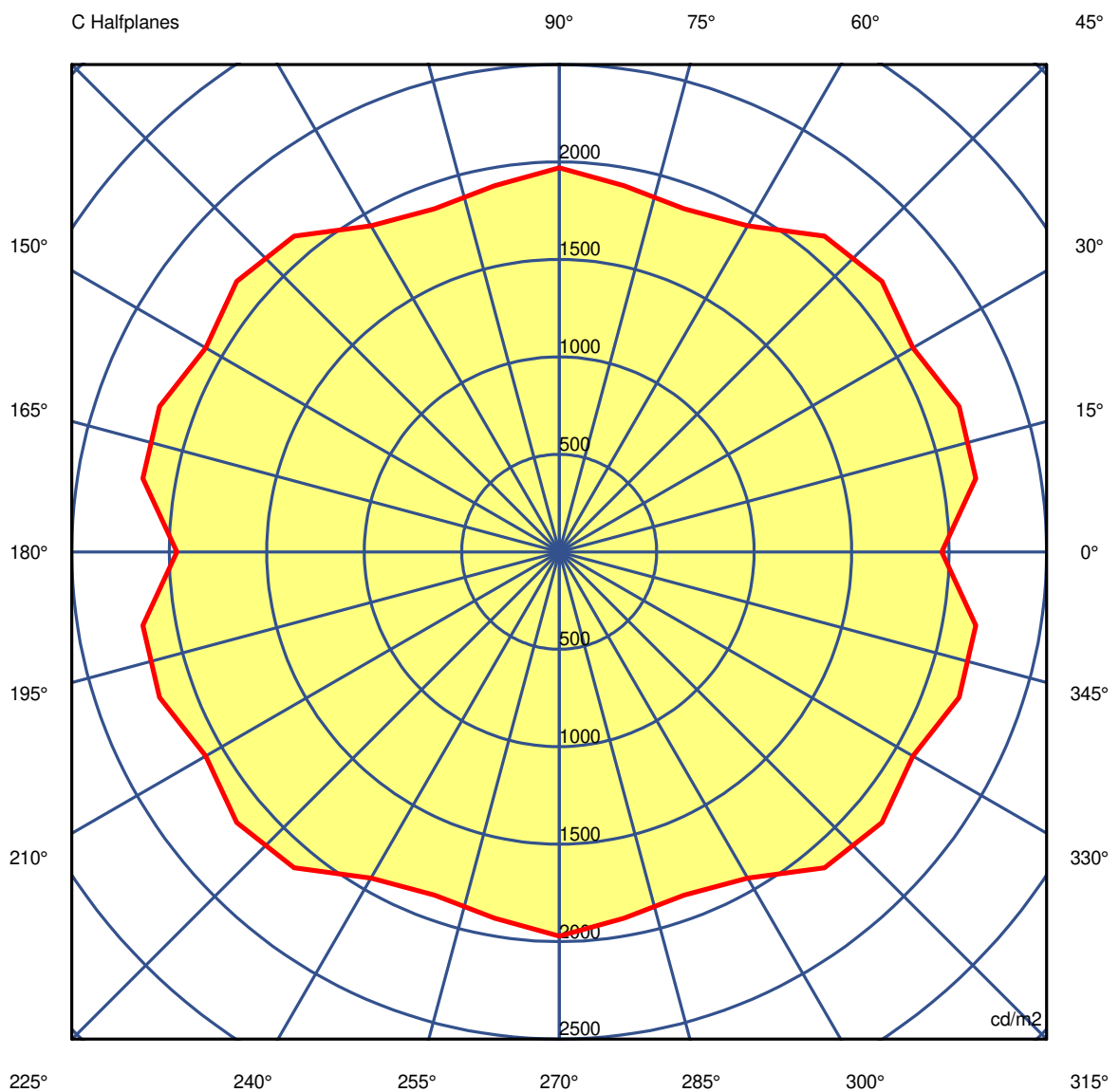
**Measurem.**

Code 5/9/2023

Name ELI SQ /W L150 PB 930 35° LO

Luminaire Flux	663 lm	Luminaire Power	6.5 W	Efficacy	102.455 lm/W	Efficiency	84.99%
Source Flux	780 lm	Maximum value	2061.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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**Measur.**

Code 5/9/2023

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Luminaire Flux	663 lm		Luminaire Power		6.5 W		Efficacy		102.455 lm/W		Efficiency		84.99%	
Source Flux	780 lm		Maximum value		2061.80 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	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	
G 5.0	286566	285862	285516	285391	285000	284423	283814	283288	283075	283159	283075	283288	283814	
G 10.0	194984	195134	194815	194351	194465	194397	193960	193822	194253	195119	194253	193822	193960	
G 15.0	115706	116512	116485	116140	116623	116399	115396	115231	115684	116314	115684	115231	115396	
G 20.0	72670	72890	72645	72334	72721	72672	72103	72102	72342	72508	72342	72102	72103	
G 25.0	48737	48637	48466	48323	48357	48254	47963	47783	47904	48279	47904	47783	47963	
G 30.0	36744	36758	36747	36733	36768	36739	36588	36520	36684	37045	36684	36520	36588	
G 35.0	28959	28669	28586	28579	28433	28422	28619	28769	28733	28539	28733	28769	28619	
G 40.0	12359	12418	12387	12349	12447	12417	12291	12376	12489	12514	12489	12376	12291	
G 45.0	1961	2170	2182	2094	2159	2115	1933	1873	1908	1971	1908	1873	1933	
G 50.0	676	602	581	611	635	609	564	571	586	592	586	571	564	
G 55.0	206	232	224	206	235	260	252	233	219	215	219	233	252	
G 60.0	84	99	103	103	103	103	103	103	110	131	110	103	103	
G 65.0	38	22	21	38	59	66	66	66	71	85	71	66	66	
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	780 lm		Maximum value		2061.80 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	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358	
G 5.0	284423	285000	285391	285516	285862	286566	285862	285516	285391	285000	284423	283814	283288	
G 10.0	194397	194465	194351	194815	195134	194984	195134	194815	194351	194465	194397	193960	193822	
G 15.0	116399	116623	116140	116485	116512	115706	116512	116485	116140	116623	116399	115396	115231	
G 20.0	72672	72721	72334	72645	72890	72670	72890	72645	72334	72721	72672	72103	72102	
G 25.0	48254	48357	48323	48466	48637	48737	48637	48466	48323	48357	48254	47963	47783	
G 30.0	36739	36768	36733	36747	36758	36744	36758	36747	36733	36768	36739	36588	36520	
G 35.0	28422	28433	28579	28586	28669	28959	28669	28586	28579	28433	28422	28619	28769	
G 40.0	12417	12447	12349	12387	12418	12359	12418	12387	12349	12447	12417	12291	12376	
G 45.0	2115	2159	2094	2182	2170	1961	2170	2182	2094	2159	2115	1933	1873	
G 50.0	609	635	611	581	602	676	602	581	611	635	609	564	571	
G 55.0	260	235	206	224	232	206	232	224	206	235	260	252	233	
G 60.0	103	103	103	103	99	84	99	103	103	103	103	103	103	
G 65.0	66	59	38	21	22	38	22	21	38	59	66	66	66	
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	780 lm	Maximum value	2061.80 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	345358	345358	345358	345358	345358	345358	345358	345358	345358	345358
G 5.0	283075	283159	283075	283288	283814	284423	285000	285391	285516	285862
G 10.0	194253	195119	194253	193822	193960	194397	194465	194351	194815	195134
G 15.0	115684	116314	115684	115231	115396	116399	116623	116140	116485	116512
G 20.0	72342	72508	72342	72102	72103	72672	72721	72334	72645	72890
G 25.0	47904	48279	47904	47783	47963	48254	48357	48323	48466	48637
G 30.0	36684	37045	36684	36520	36588	36739	36768	36733	36747	36758
G 35.0	28733	28539	28733	28769	28619	28422	28433	28579	28586	28669
G 40.0	12489	12514	12489	12376	12291	12417	12447	12349	12387	12418
G 45.0	1908	1971	1908	1873	1933	2115	2159	2094	2182	2170
G 50.0	586	592	586	571	564	609	635	611	581	602
G 55.0	219	215	219	233	252	260	235	206	224	232
G 60.0	110	131	110	103	103	103	103	103	103	99
G 65.0	71	85	71	66	66	66	59	38	21	22
G 70.0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0