

Luminaire

Code 90675L150

Name ELI SQ /W L150 PB 930 60° LO

Measurem.

Code 5/9/2023

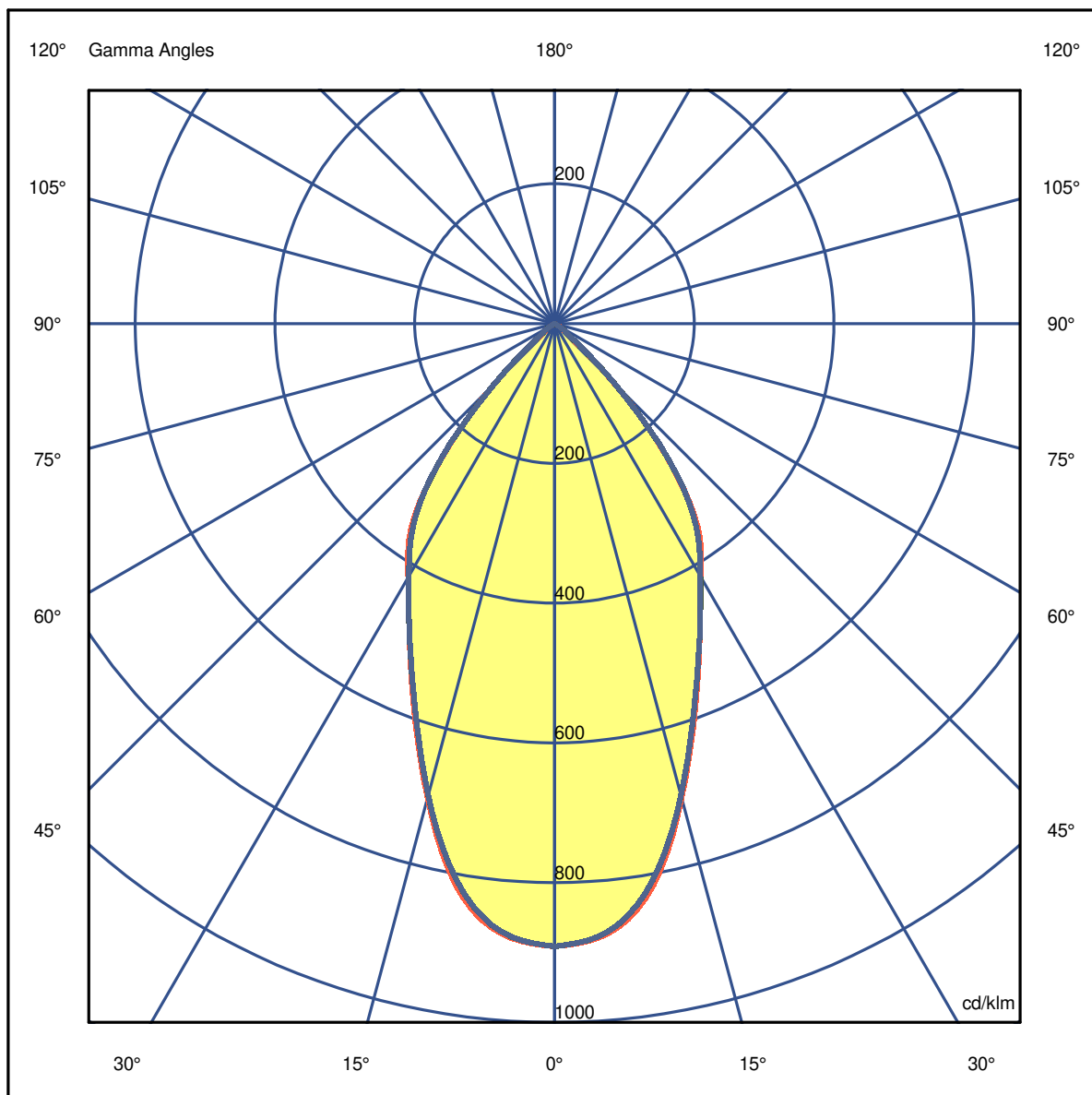
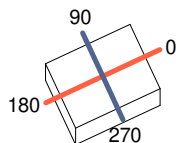
Name ELI SQ /W L150 PB 930 60° LO

Luminaire Flux	652 lm	Luminaire Power	6.5 W	Efficacy	100.827 lm/W	Efficiency	83.63%
Source Flux	780 lm	Maximum value	890.90 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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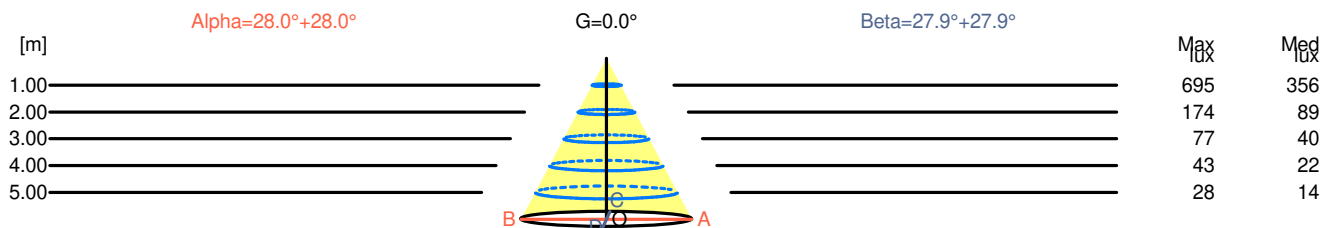
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Width at 50.00 % of Max Intensity

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	0.53	1.06	1.59	2.13	2.66	OC	0.53	1.06	1.59	2.12	2.65
OB	0.53	1.06	1.59	2.13	2.66	OD	0.53	1.06	1.59	2.12	2.65

	0	5	15	25	35	45	55	65	75	85
OA	694.90	683.20	548.03	383.76	279.01	94.77	12.79	0.00	0.00	0.00
OB	694.90	683.20	548.03	383.76	279.01	94.77	12.79	0.00	0.00	0.00
OC	694.90	681.17	544.99	383.29	275.42	95.16	13.42	0.00	0.00	0.00
OD	694.90	681.17	544.99	383.29	275.42	95.16	13.42	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=28.0°+28.0°	G=0.0
1.00	1.06	695	356		
2.00	2.13	174	89		
3.00	3.19	77	40		
4.00	4.25	43	22		
5.00	5.32	28	14		

H[m]	D[m]	Max lux	Med lux	Beta=27.9°+27.9°	G=0.0
1.00	1.06	695	356		
2.00	2.12	174	89		
3.00	3.18	77	40		
4.00	4.24	43	22		
5.00	5.30	28	14		

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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	17.4	18.2	17.6	18.4	18.6	17.4	18.1	17.6	18.3	18.5
x=2H y=3H	17.3	17.9	17.5	18.2	18.4	17.2	17.9	17.5	18.1	18.4
x=2H y=4H	17.2	17.8	17.5	18.1	18.4	17.2	17.8	17.5	18.1	18.3
x=2H y=6H	17.1	17.7	17.4	18.0	18.3	17.1	17.7	17.4	17.9	18.2
x=2H y=8H	17.1	17.6	17.4	17.9	18.2	17.1	17.6	17.4	17.9	18.2
x=2H y=12H	17.0	17.6	17.4	17.9	18.2	17.0	17.5	17.3	17.8	18.2
x=4H y=2H	17.2	17.8	17.5	18.1	18.4	17.2	17.8	17.5	18.1	18.3
x=4H y=3H	17.0	17.6	17.4	17.9	18.2	17.0	17.5	17.4	17.8	18.2
x=4H y=4H	17.0	17.4	17.4	17.8	18.1	16.9	17.4	17.3	17.7	18.1
x=4H y=6H	16.9	17.3	17.3	17.6	18.0	16.9	17.3	17.3	17.6	18.0
x=4H y=8H	16.9	17.2	17.3	17.6	18.0	16.8	17.2	17.3	17.6	18.0
x=4H y=12H	16.8	17.1	17.3	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=8H y=4H	16.9	17.2	17.3	17.6	18.0	16.8	17.2	17.3	17.6	18.0
x=8H y=6H	16.8	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
x=8H y=8H	16.7	16.9	17.2	17.4	17.9	16.7	16.9	17.2	17.4	17.8
x=8H y=12H	16.7	16.9	17.2	17.3	17.8	16.6	16.8	17.1	17.3	17.8
x=12H y=4H	16.8	17.1	17.3	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=12H y=6H	16.7	16.9	17.2	17.4	17.9	16.7	16.9	17.2	17.4	17.8
x=12H y=8H	16.7	16.9	17.2	17.3	17.8	16.6	16.8	17.1	17.3	17.8

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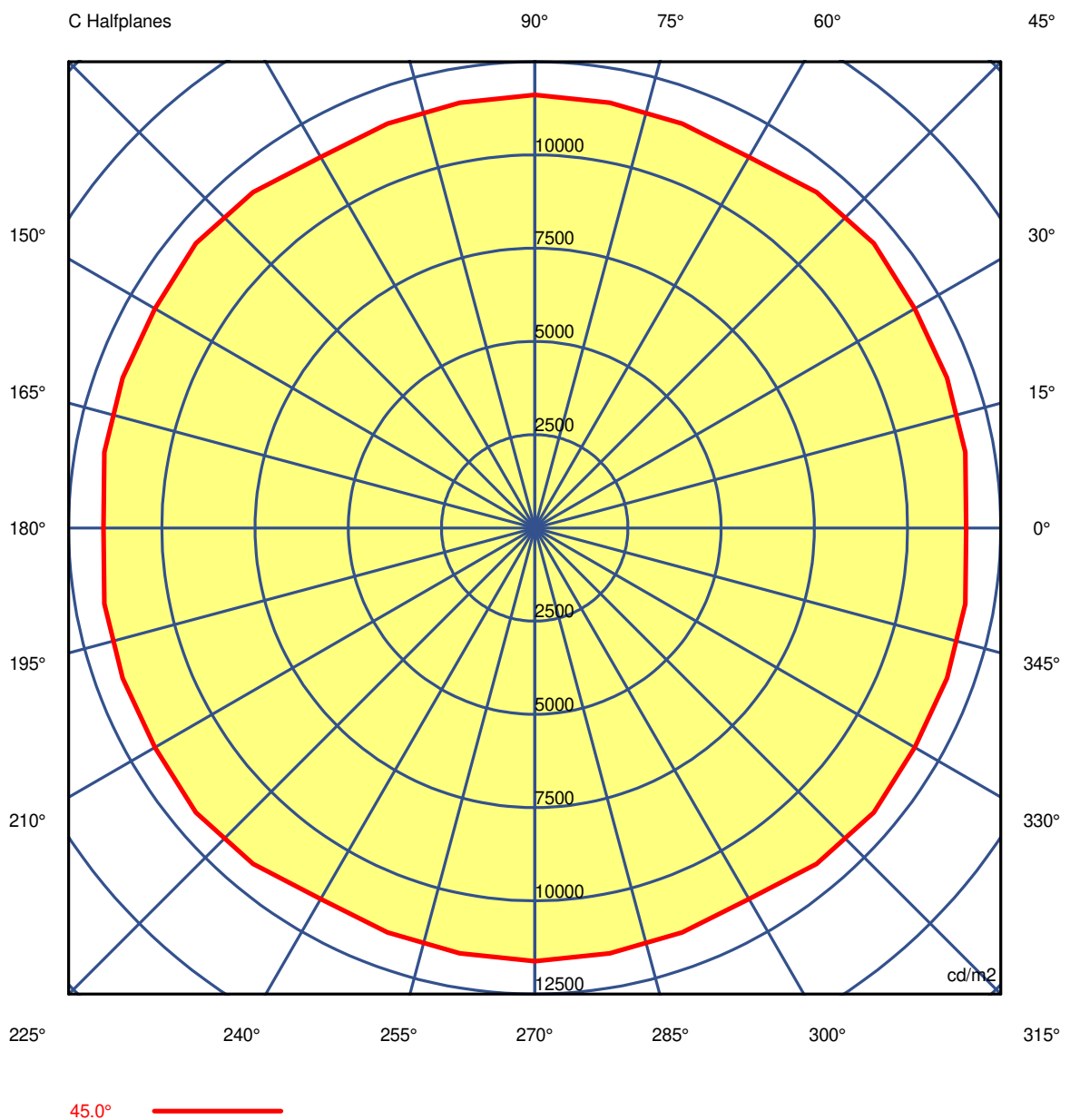
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Luminaire Flux	652 lm	Luminaire Power	6.5 W	Efficacy	100.827 lm/W	Efficiency	83.63%
Source Flux	780 lm	Maximum value	890.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	652 lm		Luminaire Power		6.5 W		Efficacy		100.827 lm/W		Efficiency		83.63%
Source Flux	780 lm		Maximum value		890.90 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	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229
G 5.0	130310	130215	130145	130087	130057	130042	130042	129518	129391	129923	129391	129518	130042
G 10.0	109888	109808	109784	109766	109543	109452	109443	109229	109027	108958	109027	109229	109443
G 15.0	87105	87248	87157	86969	87022	87033	86944	86967	86885	86622	86885	86967	86944
G 20.0	68010	68073	68025	67918	67896	67842	67744	67714	67662	67548	67662	67714	67744
G 25.0	53680	53659	53570	53472	53494	53501	53483	53528	53583	53614	53583	53528	53483
G 30.0	43620	43501	43464	43464	43475	43503	43527	43491	43440	43402	43440	43491	43527
G 35.0	35819	35684	35616	35599	35562	35546	35508	35365	35296	35358	35296	35365	35508
G 40.0	24523	24716	24713	24640	24773	24773	24620	24650	24730	24756	24730	24650	24620
G 45.0	11567	11727	11767	11767	11872	11755	11491	11542	11583	11615	11583	11542	11491
G 50.0	2706	2851	2879	2847	2894	2844	2725	2772	2876	2950	2876	2772	2725
G 55.0	1532	1469	1439	1430	1405	1414	1448	1454	1500	1607	1500	1454	1448
G 60.0	206	206	214	253	308	277	206	244	279	253	279	244	206
G 65.0	0	15	19	19	19	12	0	13	18	0	18	13	0
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		890.90 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	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229
G 5.0	130042	130057	130087	130145	130215	130310	130215	130145	130087	130057	130042	130042	130042	129518	
G 10.0	109452	109543	109766	109784	109808	109888	109808	109784	109766	109543	109452	109443	109443	109229	
G 15.0	87033	87022	86969	87157	87248	87105	87248	87157	86969	87022	87033	86944	86944	86967	
G 20.0	67842	67896	67918	68025	68073	68010	68073	68025	67918	67896	67842	67744	67744	67714	
G 25.0	53501	53494	53472	53570	53659	53680	53659	53570	53472	53494	53501	53483	53483	53528	
G 30.0	43503	43475	43464	43464	43501	43620	43501	43464	43464	43475	43503	43527	43491	43491	
G 35.0	35546	35562	35599	35616	35684	35819	35684	35616	35599	35562	35546	35508	35365	35365	
G 40.0	24773	24773	24640	24713	24716	24523	24716	24713	24640	24773	24773	24620	24650	24650	
G 45.0	11755	11872	11767	11767	11727	11567	11727	11767	11767	11872	11755	11491	11542	11542	
G 50.0	2844	2894	2847	2879	2851	2706	2851	2879	2847	2894	2844	2725	2772	2772	
G 55.0	1414	1405	1430	1439	1469	1532	1469	1439	1430	1405	1414	1448	1454	1454	
G 60.0	277	308	253	214	206	206	206	214	253	308	277	206	244	244	
G 65.0	12	19	19	19	15	0	15	19	19	19	12	0	13	13	
G 70.0	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	0	
G 80.0	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	0	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	149229	149229	149229	149229	149229	149229	149229	149229	149229	149229
G 5.0	129391	129923	129391	129518	130042	130042	130057	130087	130145	130215
G 10.0	109027	108958	109027	109229	109443	109452	109543	109766	109784	109808
G 15.0	86885	86622	86885	86967	86944	87033	87022	86969	87157	87248
G 20.0	67662	67548	67662	67714	67744	67842	67896	67918	68025	68073
G 25.0	53583	53614	53583	53528	53483	53501	53494	53472	53570	53659
G 30.0	43440	43402	43440	43491	43527	43503	43475	43464	43464	43501
G 35.0	35296	35358	35296	35365	35508	35546	35562	35599	35616	35684
G 40.0	24730	24756	24730	24650	24620	24773	24773	24640	24713	24716
G 45.0	11583	11615	11583	11542	11491	11755	11872	11767	11767	11727
G 50.0	2876	2950	2876	2772	2725	2844	2894	2847	2879	2851
G 55.0	1500	1607	1500	1454	1448	1414	1405	1430	1439	1469
G 60.0	279	253	279	244	206	277	308	253	214	206
G 65.0	18	0	18	13	0	12	19	19	19	15
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