

Luminaire

Code 90687L240
Name ELI 50 SQ L240 PB 930 50° LO

Measurem.

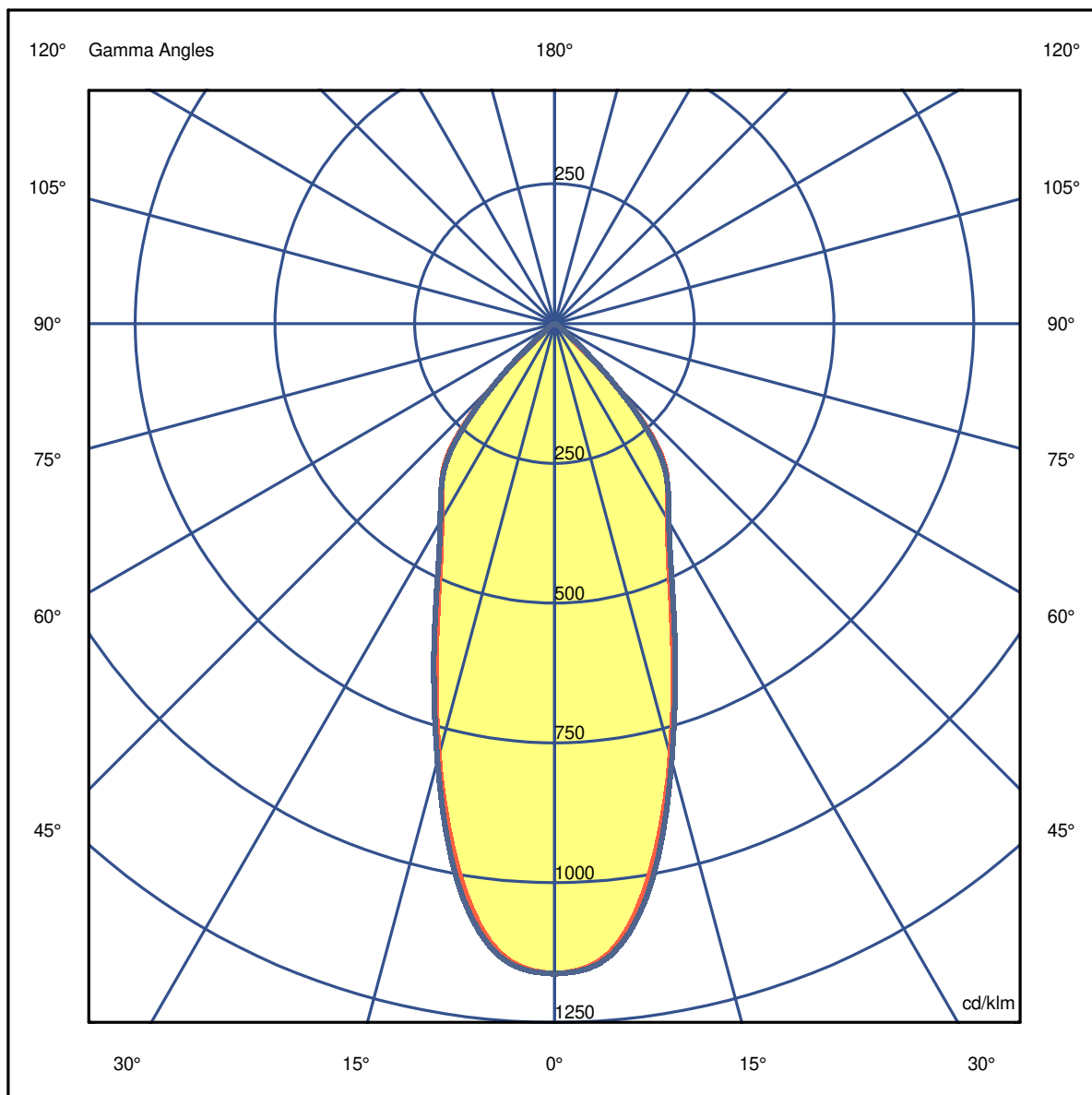
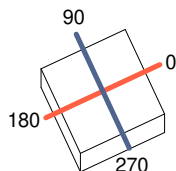
Code 1/6/2022
Name ELI 50 SQ L240 PB 930 50° LO

Luminaire Flux	684 lm	Luminaire Power	6.8 W	Efficacy	100.799 lm/W	Efficiency	91.38%
Source Flux	749 lm	Maximum value	1163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

50mm x 50mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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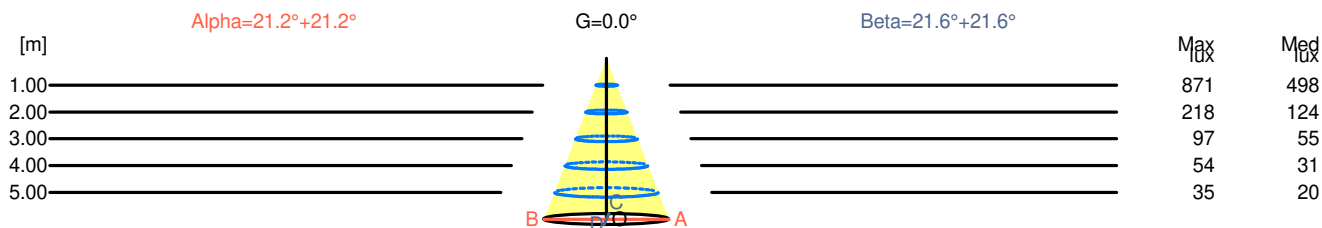
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Width at 50.00 % of Max Intensity

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	0.39	0.78	1.17	1.55	1.94	OC	0.40	0.79	1.19	1.59	1.98
OB	0.39	0.78	1.17	1.55	1.94	OD	0.40	0.79	1.19	1.59	1.98

	0	5	15	25	35	45	55	65	75	85
OA	871.24	846.07	599.27	363.12	263.35	109.05	10.34	3.82	1.05	0.37
OB	871.24	846.07	599.27	363.12	263.35	109.05	10.34	3.82	1.05	0.37
OC	871.24	850.56	606.47	370.38	264.40	109.43	10.71	4.12	1.05	0.37
OD	871.24	850.56	606.47	370.38	264.40	109.43	10.71	4.12	1.05	0.37



H[m]	D[m]	Max lux	Med lux	Alpha=21.2°+21.2°	G=0.0
1.00	0.78	871	498		
2.00	1.55	218	124		
3.00	2.33	97	55		
4.00	3.11	54	31		
5.00	3.88	35	20		

H[m]	D[m]	Max lux	Med lux	Beta=21.6°+21.6°	G=0.0
1.00	0.79	871	498		
2.00	1.59	218	124		
3.00	2.38	97	55		
4.00	3.17	54	31		
5.00	3.97	35	20		

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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	20.3	21.1	20.6	21.3	21.5	20.3	21.1	20.6	21.3	21.5
x=2H y=3H	20.2	20.9	20.5	21.1	21.4	20.2	20.9	20.5	21.1	21.4
x=2H y=4H	20.1	20.8	20.5	21.1	21.3	20.1	20.8	20.4	21.1	21.3
x=2H y=6H	20.1	20.7	20.4	21.0	21.3	20.1	20.7	20.4	21.0	21.2
x=2H y=8H	20.0	20.6	20.4	20.9	21.2	20.0	20.6	20.4	20.9	21.2
x=2H y=12H	20.0	20.6	20.3	20.8	21.2	20.0	20.5	20.3	20.8	21.2
x=4H y=2H	20.1	20.8	20.5	21.1	21.3	20.1	20.8	20.4	21.1	21.3
x=4H y=3H	20.0	20.6	20.4	20.9	21.2	20.0	20.6	20.3	20.8	21.2
x=4H y=4H	19.9	20.4	20.3	20.7	21.1	19.9	20.4	20.3	20.7	21.1
x=4H y=6H	19.9	20.3	20.3	20.6	21.0	19.9	20.3	20.3	20.6	21.0
x=4H y=8H	19.8	20.2	20.3	20.6	21.0	19.8	20.2	20.2	20.6	21.0
x=4H y=12H	19.8	20.1	20.2	20.5	20.9	19.8	20.1	20.2	20.5	20.9
x=8H y=4H	19.8	20.2	20.3	20.6	21.0	19.8	20.2	20.2	20.6	21.0
x=8H y=6H	19.8	20.0	20.2	20.4	20.9	19.7	20.0	20.2	20.4	20.9
x=8H y=8H	19.7	19.9	20.2	20.4	20.8	19.7	19.9	20.2	20.4	20.8
x=8H y=12H	19.6	19.8	20.1	20.3	20.8	19.6	19.8	20.1	20.3	20.8
x=12H y=4H	19.8	20.1	20.2	20.5	20.9	19.8	20.1	20.2	20.5	20.9
x=12H y=6H	19.7	19.9	20.2	20.4	20.8	19.7	19.9	20.2	20.4	20.8
x=12H y=8H	19.6	19.8	20.1	20.3	20.8	19.6	19.8	20.1	20.3	20.8

Luminaire

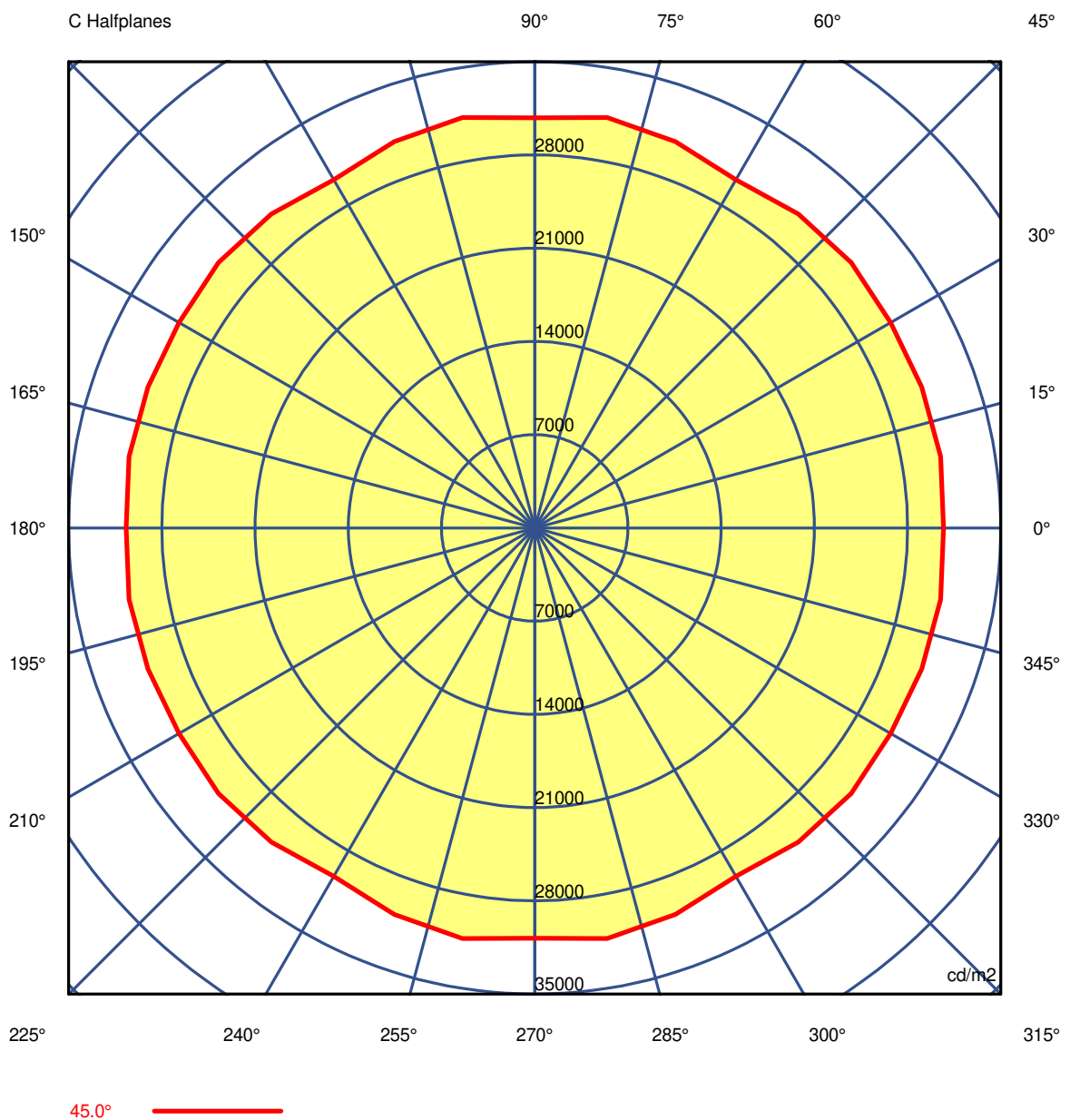
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Luminaire Flux	684 lm	Luminaire Power	6.8 W	Efficacy	100.799 lm/W	Efficiency	91.38%
Source Flux	749 lm	Maximum value	1163.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux		684 lm		Luminaire Power		6.8 W		Efficacy		100.799 lm/W		Efficiency		91.38%	
Source Flux		749 lm		Maximum value		1163.20 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	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170
G 5.0	419868	420110	420820	421652	421743	421365	420983	420917	421327	422099	421327	420917	420983	420917	420983
G 10.0	326126	327424	328391	328919	329007	329061	329083	330220	331121	331284	331121	330220	329083	330220	329083
G 15.0	237117	236944	237020	237354	237704	237814	237946	238632	239394	239962	239394	238632	237946	239394	237946
G 20.0	168362	168525	168606	168606	169287	169603	169666	170562	171366	171623	171366	170562	169666	171366	169666
G 25.0	122558	122692	122835	123165	123769	123770	123417	123882	124556	125010	124556	123882	123417	125010	123417
G 30.0	96281	96265	96258	96448	96961	97003	96686	96907	97205	97281	97205	96907	96686	97281	96907
G 35.0	79604	79573	79480	79468	79720	79787	79649	79730	79862	79921	79862	79730	79649	79921	79649
G 40.0	62050	61963	61872	61681	61309	61089	61050	60907	60719	60550	60719	60907	61050	60550	60907
G 45.0	30692	30953	30930	30861	31015	30772	30207	30879	31299	30798	31299	30879	30207	31299	30207
G 50.0	5789	5909	5858	5789	6327	6466	6304	6882	7273	7396	7273	6882	6304	7396	6304
G 55.0	2801	2801	2806	2842	2918	2944	2903	2867	2869	2903	2869	2867	2903	2869	2867
G 60.0	1773	1773	1783	1814	1845	1854	1854	1854	1854	1854	1854	1854	1854	1854	1854
G 65.0	1028	1061	1069	1069	1101	1098	1069	1092	1109	1109	1109	1092	1069	1109	1069
G 70.0	569	602	607	569	511	537	610	590	569	569	569	590	610	569	610
G 75.0	289	289	289	289	289	274	248	273	289	289	289	273	248	289	274
G 80.0	106	106	119	148	148	148	148	148	138	106	138	148	148	106	148
G 85.0	109	109	109	109	57	57	109	109	109	109	109	109	109	109	109
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		749 lm		Maximum value		1163.20 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	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170
G 5.0	421365	421743	421652	420820	420110	419868	420110	420820	421652	421743	421365	420983	420917	420917	420917
G 10.0	329061	329007	328919	328391	327424	326126	327424	328391	328919	329007	329061	329083	330220	330220	330220
G 15.0	237814	237704	237354	237020	236944	237117	236944	237020	237354	237704	237814	237946	238632	238632	238632
G 20.0	169603	169287	168606	168606	168525	168362	168525	168606	168606	169287	169603	169666	170562	170562	170562
G 25.0	123770	123769	123165	122835	122692	122558	122692	122835	123165	123769	123770	123417	123882	123882	123882
G 30.0	97003	96961	96448	96258	96265	96281	96265	96258	96448	96961	97003	96686	96907	96907	96907
G 35.0	79787	79720	79468	79480	79573	79604	79573	79480	79468	79720	79787	79649	79730	79730	79730
G 40.0	61089	61309	61681	61872	61963	62050	61963	61872	61681	61309	61089	61050	60907	60907	60907
G 45.0	30772	31015	30861	30930	30953	30692	30953	30930	30861	31015	30772	30207	30879	30879	30879
G 50.0	6466	6327	5789	5858	5909	5789	5909	5858	5789	6327	6466	6304	6882	6882	6882
G 55.0	2944	2918	2842	2806	2801	2801	2801	2806	2842	2918	2944	2903	2867	2867	2867
G 60.0	1854	1845	1814	1783	1773	1773	1773	1783	1814	1845	1854	1854	1854	1854	1854
G 65.0	1098	1101	1069	1069	1061	1028	1061	1069	1069	1101	1098	1069	1092	1092	1092
G 70.0	537	511	569	607	602	569	602	607	569	511	537	610	590	590	590
G 75.0	274	289	289	289	289	289	289	289	289	289	274	248	273	273	273
G 80.0	148	148	148	119	106	106	106	119	148	148	148	148	148	148	148
G 85.0	57	57	109	109	109	109	109	109	109	57	57	109	109	109	109
G 90.0	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	502170	502170	502170	502170	502170	502170	502170	502170	502170	502170
G 5.0	421327	422099	421327	420917	420983	421365	421743	421652	420820	420110
G 10.0	331121	331284	331121	330220	329083	329061	329007	328919	328391	327424
G 15.0	239394	239962	239394	238632	237946	237814	237704	237354	237020	236944
G 20.0	171366	171623	171366	170562	169666	169603	169287	168606	168606	168525
G 25.0	124556	125010	124556	123882	123417	123770	123769	123165	122835	122692
G 30.0	97205	97281	97205	96907	96686	97003	96961	96448	96258	96265
G 35.0	79862	79921	79862	79730	79649	79787	79720	79468	79480	79573
G 40.0	60719	60550	60719	60907	61050	61089	61309	61681	61872	61963
G 45.0	31299	30798	31299	30879	30207	30772	31015	30861	30930	30953
G 50.0	7273	7396	7273	6882	6304	6466	6327	5789	5858	5909
G 55.0	2869	2903	2869	2867	2903	2944	2918	2842	2806	2801
G 60.0	1854	1854	1854	1854	1854	1854	1845	1814	1783	1773
G 65.0	1109	1109	1109	1092	1069	1098	1101	1069	1069	1061
G 70.0	569	569	569	590	610	537	511	569	607	602
G 75.0	289	289	289	273	248	274	289	289	289	289
G 80.0	138	106	138	148	148	148	148	148	119	106
G 85.0	109	109	109	109	109	57	57	109	109	109
G 90.0	0	0	0	0	0	0	0	0	0	0