

Luminaire

Code 90688L240
Name ELI 50 SQ /C L240 PB 930 50° HO

Measurem.

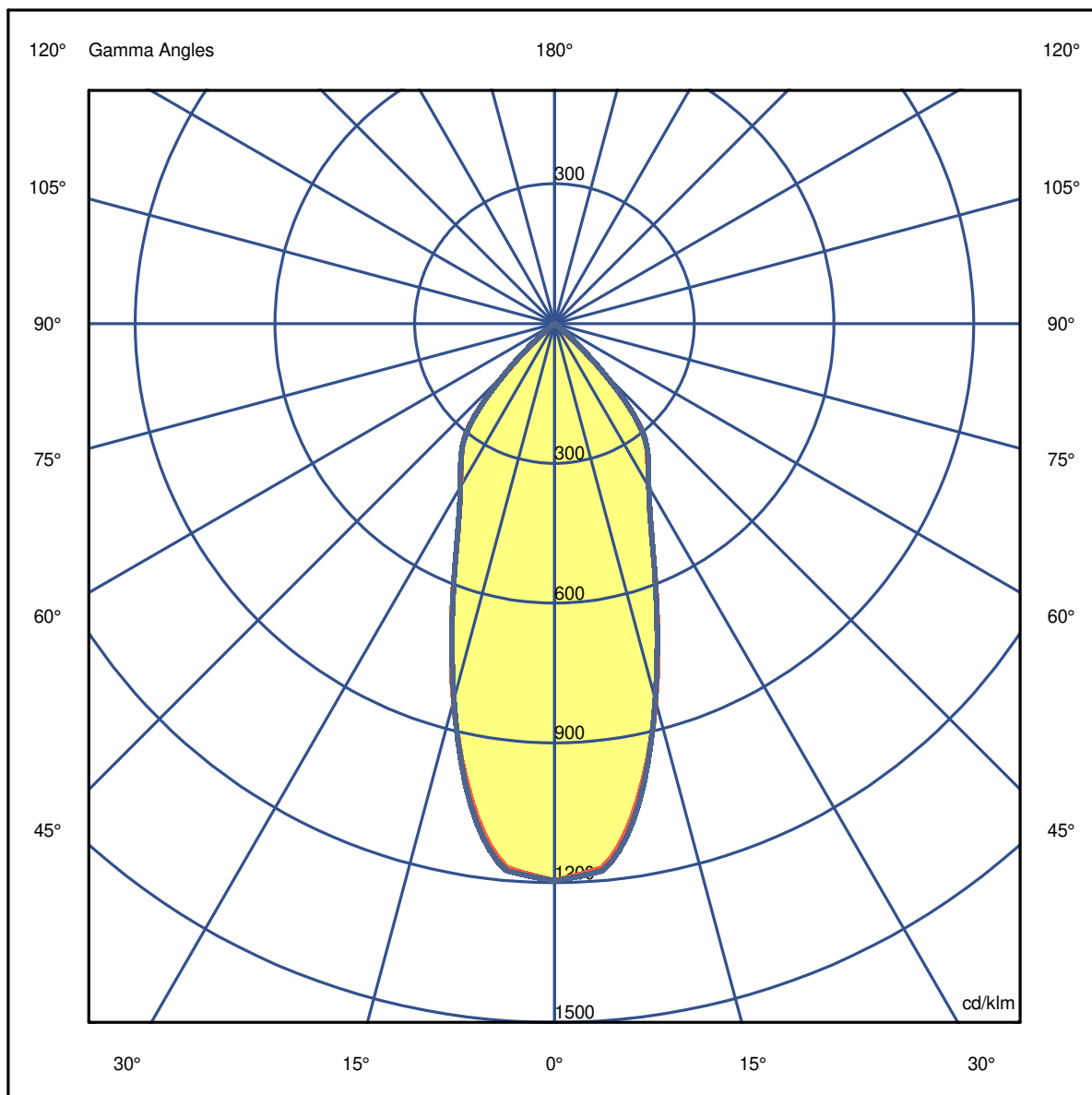
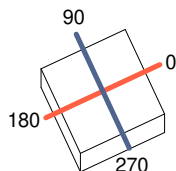
Code 1/6/2022
Name ELI 50 SQ /C L240 PB 930 50° HO

Luminaire Flux	1089 lm	Luminaire Power	10.8 W	Efficacy	100.915 lm/W	Efficiency	92.04%
Source Flux	1183 lm	Maximum value	1195.80 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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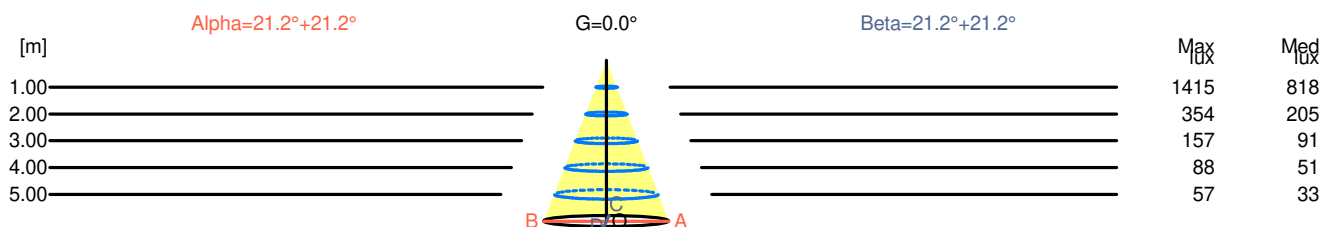
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Width at 50.00 % of Max Intensity

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	0.39	0.78	1.16	1.55	1.94
OB	0.39	0.78	1.17	1.55	1.94	OD	0.39	0.78	1.16	1.55	1.94

	0	5	15	25	35	45	55	65	75	85
OA	1414.63	1387.07	991.47	580.97	412.51	170.83	10.29	3.08	1.06	0.71
OB	1414.63	1387.07	991.47	580.97	412.51	170.83	10.29	3.08	1.06	0.71
OC	1414.63	1394.28	987.33	581.09	414.17	174.61	12.42	4.14	1.42	0.71
OD	1414.63	1394.28	987.33	581.09	414.17	174.61	12.42	4.14	1.42	0.71



H[m]	D[m]	Max lux	Med lux	Alpha=21.2°+21.2°	G=0.0
1.00	0.78	1415	818		
2.00	1.55	354	205		
3.00	2.33	157	91		
4.00	3.11	88	51		
5.00	3.89	57	33		

H[m]	D[m]	Max lux	Med lux	Beta=21.2°+21.2°	G=0.0
1.00	0.78	1415	818		
2.00	1.55	354	205		
3.00	2.33	157	91		
4.00	3.11	88	51		
5.00	3.88	57	33		

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Luminaire Flux	1089 lm	Luminaire Power	10.8 W	Efficacy	100.915 lm/W	Efficiency	92.04%
Source Flux	1183 lm	Maximum value	1195.80 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	21.8	22.6	22.1	22.8	23.0	21.9	22.7	22.1	22.9	23.1
x=2H y=3H	21.7	22.4	22.0	22.6	22.9	21.7	22.4	22.0	22.7	22.9
x=2H y=4H	21.6	22.3	21.9	22.5	22.8	21.7	22.3	22.0	22.6	22.8
x=2H y=6H	21.5	22.2	21.9	22.4	22.7	21.6	22.2	21.9	22.5	22.8
x=2H y=8H	21.5	22.1	21.8	22.4	22.7	21.6	22.1	21.9	22.4	22.7
x=2H y=12H	21.5	22.0	21.8	22.3	22.6	21.5	22.1	21.9	22.4	22.7
x=4H y=2H	21.6	22.3	21.9	22.5	22.8	21.7	22.3	22.0	22.6	22.8
x=4H y=3H	21.5	22.0	21.8	22.3	22.6	21.5	22.1	21.9	22.4	22.7
x=4H y=4H	21.4	21.9	21.8	22.2	22.5	21.5	21.9	21.8	22.3	22.6
x=4H y=6H	21.3	21.7	21.7	22.1	22.5	21.4	21.8	21.8	22.1	22.5
x=4H y=8H	21.3	21.7	21.7	22.0	22.4	21.4	21.7	21.8	22.1	22.5
x=4H y=12H	21.3	21.6	21.7	22.0	22.4	21.3	21.6	21.7	22.0	22.4
x=8H y=4H	21.3	21.7	21.7	22.0	22.4	21.4	21.7	21.8	22.1	22.5
x=8H y=6H	21.2	21.5	21.7	21.9	22.4	21.3	21.5	21.7	22.0	22.4
x=8H y=8H	21.2	21.4	21.6	21.8	22.3	21.2	21.4	21.7	21.9	22.4
x=8H y=12H	21.1	21.3	21.6	21.8	22.3	21.2	21.4	21.7	21.8	22.3
x=12H y=4H	21.3	21.6	21.7	22.0	22.4	21.3	21.6	21.7	22.0	22.4
x=12H y=6H	21.2	21.4	21.6	21.8	22.3	21.2	21.4	21.7	21.9	22.4
x=12H y=8H	21.1	21.3	21.6	21.8	22.3	21.2	21.4	21.7	21.8	22.3

Luminaire

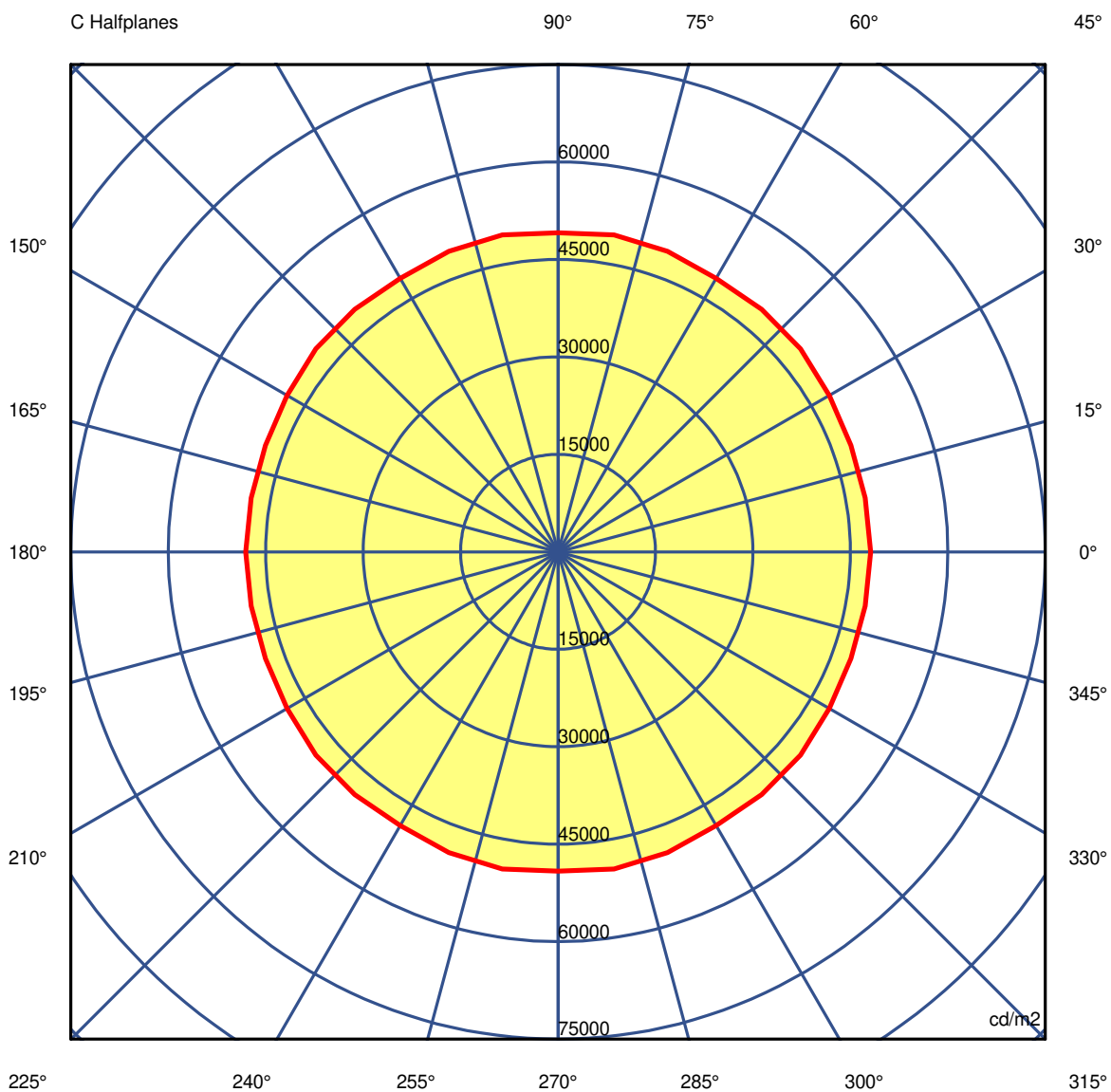
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Luminaire Flux	1089 lm	Luminaire Power	10.8 W	Efficacy	100.915 lm/W	Efficiency	92.04%
Source Flux	1183 lm	Maximum value	1195.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

Code 1/6/2022

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Luminaire Flux		1089 lm		Luminaire Power		10.8 W		Efficacy		100.915 lm/W		Efficiency		92.04%	
Source Flux		1183 lm		Maximum value		1195.80 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	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376
G 5.0	688342	688593	688958	689634	690539	690283	689634	690801	691649	691923	691649	690801	689634		
G 10.0	536838	539428	541690	542857	542134	540376	539173	539791	540982	541923	540982	539791	539173		
G 15.0	392298	394604	394239	392205	391700	390347	388320	388631	389803	390660	389803	388631	388320		
G 20.0	275061	276656	275837	273816	273895	273576	272442	272813	273722	274374	273722	272813	272442		
G 25.0	196088	196840	196488	195729	196177	196084	195369	195770	196101	196128	196101	195770	195369		
G 30.0	151957	152095	151845	151544	151823	151710	151318	151751	152058	152108	152058	151751	151318		
G 35.0	124692	124802	124637	124477	124821	124885	124692	125033	125301	125193	125301	125033	124692		
G 40.0	97180	97277	97146	96974	97142	97189	97043	97043	96939	96562	96939	97043	97043		
G 45.0	48077	48001	47976	48177	48680	48741	48610	49229	49548	49142	49548	49229	48610		
G 50.0	7387	7862	7962	8005	9175	9592	9339	10277	11162	11324	11162	10277	9339		
G 55.0	2789	2893	3011	3174	3385	3473	3494	3502	3465	3366	3465	3502	3494		
G 60.0	1560	1654	1706	1751	1860	1920	1942	1942	1942	1942	1942	1942	1942		
G 65.0	828	880	982	1083	1083	1101	1146	1130	1115	1115	1115	1130	1146		
G 70.0	482	552	593	610	633	642	642	642	642	642	642	642	642		
G 75.0	294	318	326	326	326	346	391	391	391	391	391	391	391		
G 80.0	200	200	200	200	200	200	200	200	200	200	200	200	200		
G 85.0	207	207	207	207	207	207	207	207	207	207	207	207	207		
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0		

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Source Flux	1183 lm		Maximum value		1195.80 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	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376	
G 5.0	690283	690539	689634	688958	688593	688342	688593	688958	689634	690539	690283	689634	690801	
G 10.0	540376	542134	542857	541690	539428	536838	539428	541690	542857	542134	540376	539173	539791	
G 15.0	390347	391700	392205	394239	394604	392298	394604	394239	392205	391700	390347	388320	388631	
G 20.0	273576	273895	273816	275837	276656	275061	276656	275837	273816	273895	273576	272442	272813	
G 25.0	196084	196177	195729	196488	196840	196088	196840	196488	195729	196177	196084	195369	195770	
G 30.0	151710	151823	151544	151845	152095	151957	152095	151845	151544	151823	151710	151318	151751	
G 35.0	124885	124821	124477	124637	124802	124692	124802	124637	124477	124821	124885	124692	125033	
G 40.0	97189	97142	96974	97146	97277	97180	97277	97146	96974	97142	97189	97043	97043	
G 45.0	48741	48680	48177	47976	48001	48077	48001	47976	48177	48680	48741	48610	49229	
G 50.0	9592	9175	8005	7962	7862	7387	7862	7962	8005	9175	9592	9339	10277	
G 55.0	3473	3385	3174	3011	2893	2789	2893	3011	3174	3385	3473	3494	3502	
G 60.0	1920	1860	1751	1706	1654	1560	1654	1706	1751	1860	1920	1942	1942	
G 65.0	1101	1083	1083	982	880	828	880	982	1083	1083	1101	1146	1130	
G 70.0	642	633	610	593	552	482	552	593	610	633	642	642	642	
G 75.0	346	326	326	326	318	294	318	326	326	326	346	391	391	
G 80.0	200	200	200	200	200	200	200	200	200	200	200	200	200	
G 85.0	207	207	207	207	207	207	207	207	207	207	207	207	207	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	1183 lm	Maximum value	1195.80 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	815376	815376	815376	815376	815376	815376	815376	815376	815376	815376
G 5.0	691649	691923	691649	690801	689634	690283	690539	689634	688958	688593
G 10.0	540982	541923	540982	539791	539173	540376	542134	542857	541690	539428
G 15.0	389803	390660	389803	388631	388320	390347	391700	392205	394239	394604
G 20.0	273722	274374	273722	272813	272442	273576	273895	273816	275837	276656
G 25.0	196101	196128	196101	195770	195369	196084	196177	195729	196488	196840
G 30.0	152058	152108	152058	151751	151318	151710	151823	151544	151845	152095
G 35.0	125301	125193	125301	125033	124692	124885	124821	124477	124637	124802
G 40.0	96939	96562	96939	97043	97043	97189	97142	96974	97146	97277
G 45.0	49548	49142	49548	49229	48610	48741	48680	48177	47976	48001
G 50.0	11162	11324	11162	10277	9339	9592	9175	8005	7962	7862
G 55.0	3465	3366	3465	3502	3494	3473	3385	3174	3011	2893
G 60.0	1942	1942	1942	1942	1942	1920	1860	1751	1706	1654
G 65.0	1115	1115	1115	1130	1146	1101	1083	1083	982	880
G 70.0	642	642	642	642	642	642	633	610	593	552
G 75.0	391	391	391	391	391	346	326	326	326	318
G 80.0	200	200	200	200	200	200	200	200	200	200
G 85.0	207	207	207	207	207	207	207	207	207	207
G 90.0	0	0	0	0	0	0	0	0	0	0