

Luminaire

Code 90702L002

Name ELI 50 SPOT /E 2 PB 930 50° HO

Measurem.

Code 1/6/2022

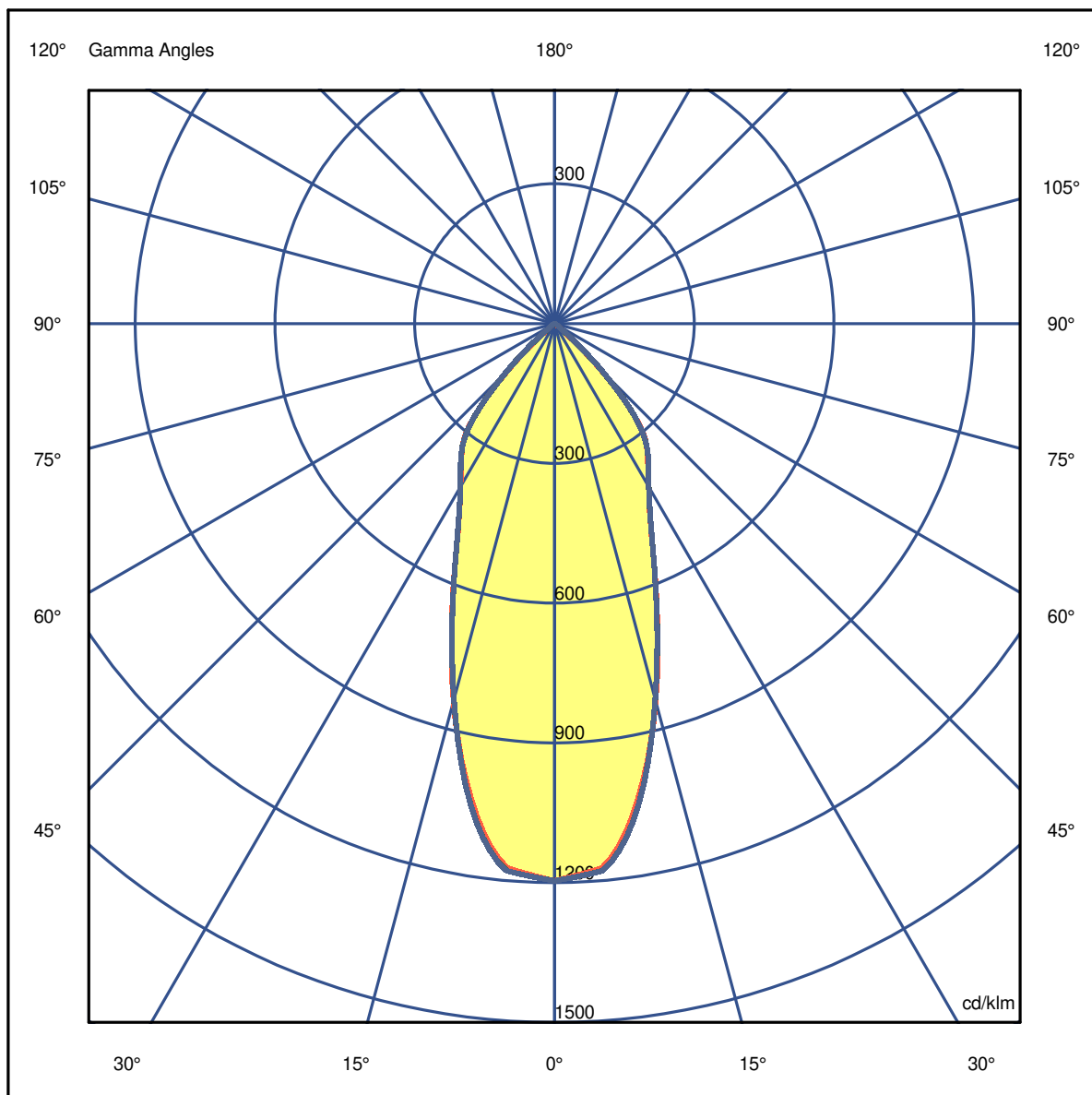
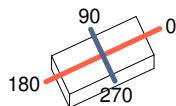
Name ELI 50 SPOT /E 2 PB 930 50° HO

Luminaire Flux	2178 lm	Luminaire Power	17.4 W	Efficacy	124.799 lm/W	Efficiency	92.04%
Source Flux	2366 lm	Maximum value	1195.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

50mm x 110mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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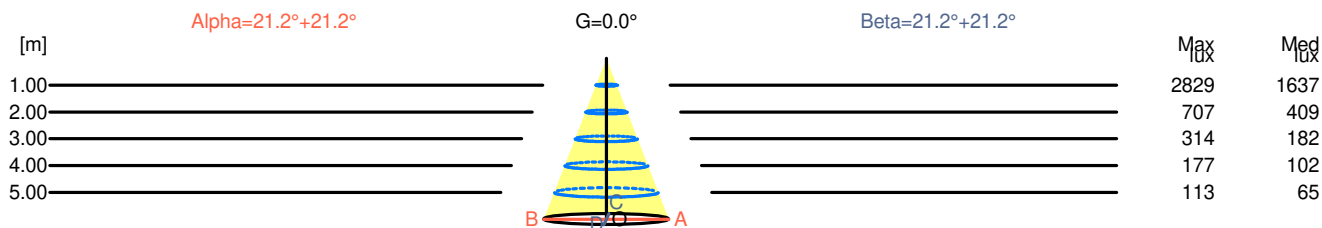
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Width at 50.00 % of Max Intensity

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	2829.26	2774.14	1982.94	1161.94	825.02	341.65	20.58	6.15	2.13	1.42
OB	2829.26	2774.14	1982.94	1161.94	825.02	341.65	20.58	6.15	2.13	1.42
OC	2829.26	2788.57	1974.66	1162.18	828.34	349.22	24.84	8.28	2.84	1.42
OD	2829.26	2788.57	1974.66	1162.18	828.34	349.22	24.84	8.28	2.84	1.42



H[m]	D[m]	Max lux	Med lux	Alpha=21.2°+21.2°	G=0.0
1.00	0.78	2829	1637		
2.00	1.55	707	409		
3.00	2.33	314	182		
4.00	3.11	177	102		
5.00	3.89	113	65		

H[m]	D[m]	Max lux	Med lux	Beta=21.2°+21.2°	G=0.0
1.00	0.78	2829	1637		
2.00	1.55	707	409		
3.00	2.33	314	182		
4.00	3.11	177	102		
5.00	3.88	113	65		

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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	21.6	22.3	21.8	22.5	22.8	21.0	21.7	21.2	21.9	22.1
x=2H y=3H	21.4	22.1	21.7	22.4	22.6	20.8	21.5	21.1	21.7	22.0
x=2H y=4H	21.4	22.0	21.7	22.3	22.5	20.8	21.4	21.1	21.6	21.9
x=2H y=6H	21.3	21.9	21.6	22.2	22.5	20.7	21.3	21.0	21.6	21.9
x=2H y=8H	21.3	21.8	21.6	22.1	22.4	20.7	21.2	21.0	21.5	21.8
x=2H y=12H	21.2	21.8	21.6	22.1	22.4	20.6	21.1	21.0	21.4	21.8
x=4H y=2H	21.4	22.0	21.7	22.3	22.5	20.8	21.4	21.1	21.6	21.9
x=4H y=3H	21.2	21.8	21.6	22.1	22.4	20.6	21.1	21.0	21.5	21.8
x=4H y=4H	21.2	21.6	21.5	21.9	22.3	20.5	21.0	20.9	21.3	21.7
x=4H y=6H	21.1	21.5	21.5	21.8	22.2	20.5	20.9	20.9	21.2	21.6
x=4H y=8H	21.0	21.4	21.4	21.8	22.2	20.4	20.8	20.8	21.2	21.6
x=4H y=12H	21.0	21.3	21.4	21.7	22.1	20.4	20.7	20.8	21.1	21.5
x=8H y=4H	21.0	21.4	21.4	21.8	22.2	20.4	20.8	20.8	21.2	21.6
x=8H y=6H	21.0	21.2	21.4	21.7	22.1	20.3	20.6	20.8	21.0	21.5
x=8H y=8H	20.9	21.1	21.4	21.6	22.0	20.3	20.5	20.8	21.0	21.4
x=8H y=12H	20.9	21.0	21.3	21.5	22.0	20.2	20.4	20.7	20.9	21.4
x=12H y=4H	21.0	21.3	21.4	21.7	22.1	20.4	20.7	20.8	21.1	21.5
x=12H y=6H	20.9	21.1	21.4	21.6	22.0	20.3	20.5	20.8	21.0	21.4
x=12H y=8H	20.9	21.0	21.3	21.5	22.0	20.2	20.4	20.7	20.9	21.4

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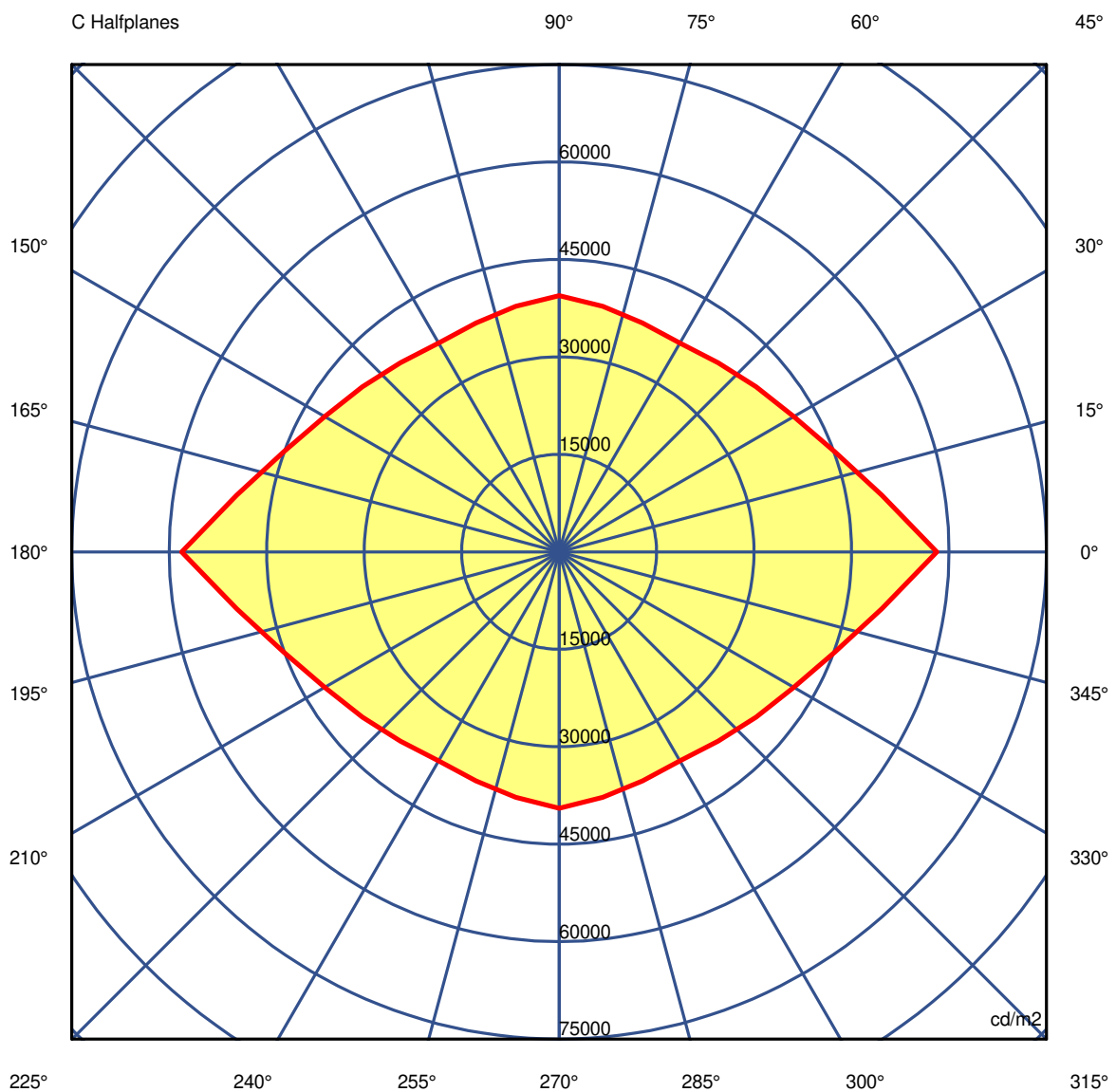
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Luminaire Flux	2178 lm	Luminaire Power	17.4 W	Efficacy	124.799 lm/W	Efficiency	92.04%
Source Flux	2366 lm	Maximum value	1195.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux		2366 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	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590
G 5.0	523757	513383	504603	497680	492641	488556	486020	486605	488811	492448	488811	486605	486020	488556	486020
G 10.0	443140	428434	416223	405943	397029	390110	386277	386383	389529	395164	389529	386383	386277	390110	386277
G 15.0	347327	330624	315268	302006	293060	286369	281926	281817	284952	290554	284952	281817	281926	293060	286369
G 20.0	259085	242834	228280	216161	208653	203431	200012	199993	202650	207495	202650	199993	200012	203431	203431
G 25.0	195342	180090	167599	157912	151805	147518	144813	144864	146783	150478	146783	144864	144813	147518	144813
G 30.0	159423	144507	133094	124664	119129	115320	113116	113225	114924	118209	114924	113225	113116	115320	115320
G 35.0	137353	122808	112014	104230	99186	95820	93928	93989	95535	98429	95535	93989	93928	95820	95820
G 40.0	112170	98951	89377	82550	78098	75215	73618	73451	74509	76738	74509	73451	73618	75215	75215
G 45.0	58080	50409	45136	41655	39569	38027	37120	37502	38373	39450	38373	37502	37120	38027	38027
G 50.0	9336	8518	7654	7026	7537	7541	7177	7877	8707	9179	8707	7877	7177	7541	7541
G 55.0	3689	3233	2957	2827	2809	2751	2702	2700	2722	2754	2722	2700	2702	2751	2751
G 60.0	2161	1907	1711	1582	1560	1532	1510	1506	1536	1603	1536	1506	1510	1532	1532
G 65.0	1205	1048	1007	993	917	885	897	882	888	929	888	882	897	885	885
G 70.0	738	680	622	568	542	520	505	504	515	540	515	504	505	520	520
G 75.0	475	406	350	308	282	283	310	309	316	333	316	309	310	283	283
G 80.0	345	266	220	193	175	165	160	159	163	172	163	159	160	165	165
G 85.0	382	286	234	203	183	172	166	166	170	180	170	166	166	172	172
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	2366 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	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590	
G 5.0	488556	492641	497680	504603	513383	523757	513383	504603	497680	492641	488556	486020	486605	
G 10.0	390110	397029	405943	416223	428434	443140	428434	416223	405943	397029	390110	386277	386383	
G 15.0	286369	293060	302006	315268	330624	347327	330624	315268	302006	293060	286369	281926	281817	
G 20.0	203431	208653	216161	228280	242834	259085	242834	228280	216161	208653	203431	200012	199993	
G 25.0	147518	151805	157912	167599	180090	195342	180090	167599	157912	151805	147518	144813	144864	
G 30.0	115320	119129	124664	133094	144507	159423	144507	133094	124664	119129	115320	113116	113225	
G 35.0	95820	99186	104230	112014	122808	137353	122808	112014	104230	99186	95820	93928	93989	
G 40.0	75215	78098	82550	89377	98951	112170	98951	89377	82550	78098	75215	73618	73451	
G 45.0	38027	39569	41655	45136	50409	58080	50409	45136	41655	39569	38027	37120	37502	
G 50.0	7541	7537	7026	7654	8518	9336	8518	7654	7026	7537	7541	7177	7877	
G 55.0	2751	2809	2827	2957	3233	3689	3233	2957	2827	2809	2751	2702	2700	
G 60.0	1532	1560	1582	1711	1907	2161	1907	1711	1582	1560	1532	1510	1506	
G 65.0	885	917	993	1007	1048	1205	1048	1007	993	917	885	897	882	
G 70.0	520	542	568	622	680	738	680	622	568	542	520	505	504	
G 75.0	283	282	308	350	406	475	406	350	308	282	283	310	309	
G 80.0	165	175	193	220	266	345	266	220	193	175	165	160	159	
G 85.0	172	183	203	234	286	382	286	234	203	183	172	166	166	
G 90.0	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	562590	562590	562590	562590	562590	562590	562590	562590	562590	562590
G 5.0	488811	492448	488811	486605	486020	488556	492641	497680	504603	513383
G 10.0	389529	395164	389529	386383	386277	390110	397029	405943	416223	428434
G 15.0	284952	290554	284952	281817	281926	286369	293060	302006	315268	330624
G 20.0	202650	207495	202650	199993	200012	203431	208653	216161	228280	242834
G 25.0	146783	150478	146783	144864	144813	147518	151805	157912	167599	180090
G 30.0	114924	118209	114924	113225	113116	115320	119129	124664	133094	144507
G 35.0	95535	98429	95535	93989	93928	95820	99186	104230	112014	122808
G 40.0	74509	76738	74509	73451	73618	75215	78098	82550	89377	98951
G 45.0	38373	39450	38373	37502	37120	38027	39569	41655	45136	50409
G 50.0	8707	9179	8707	7877	7177	7541	7537	7026	7654	8518
G 55.0	2722	2754	2722	2700	2702	2751	2809	2827	2957	3233
G 60.0	1536	1603	1536	1506	1510	1532	1560	1582	1711	1907
G 65.0	888	929	888	882	897	885	917	993	1007	1048
G 70.0	515	540	515	504	505	520	542	568	622	680
G 75.0	316	333	316	309	310	283	282	308	350	406
G 80.0	163	172	163	159	160	165	175	193	220	266
G 85.0	170	180	170	166	166	172	183	203	234	286
G 90.0	0	0	0	0	0	0	0	0	0	0