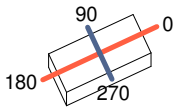
Luminaire
Code 90703L002
Name ELI 50 SPOT /E 2 PB 930 20º LO
Measurem.
Code 1/6/2022
Name ELI 50 SPOT /E 2 PB 930 20º LO

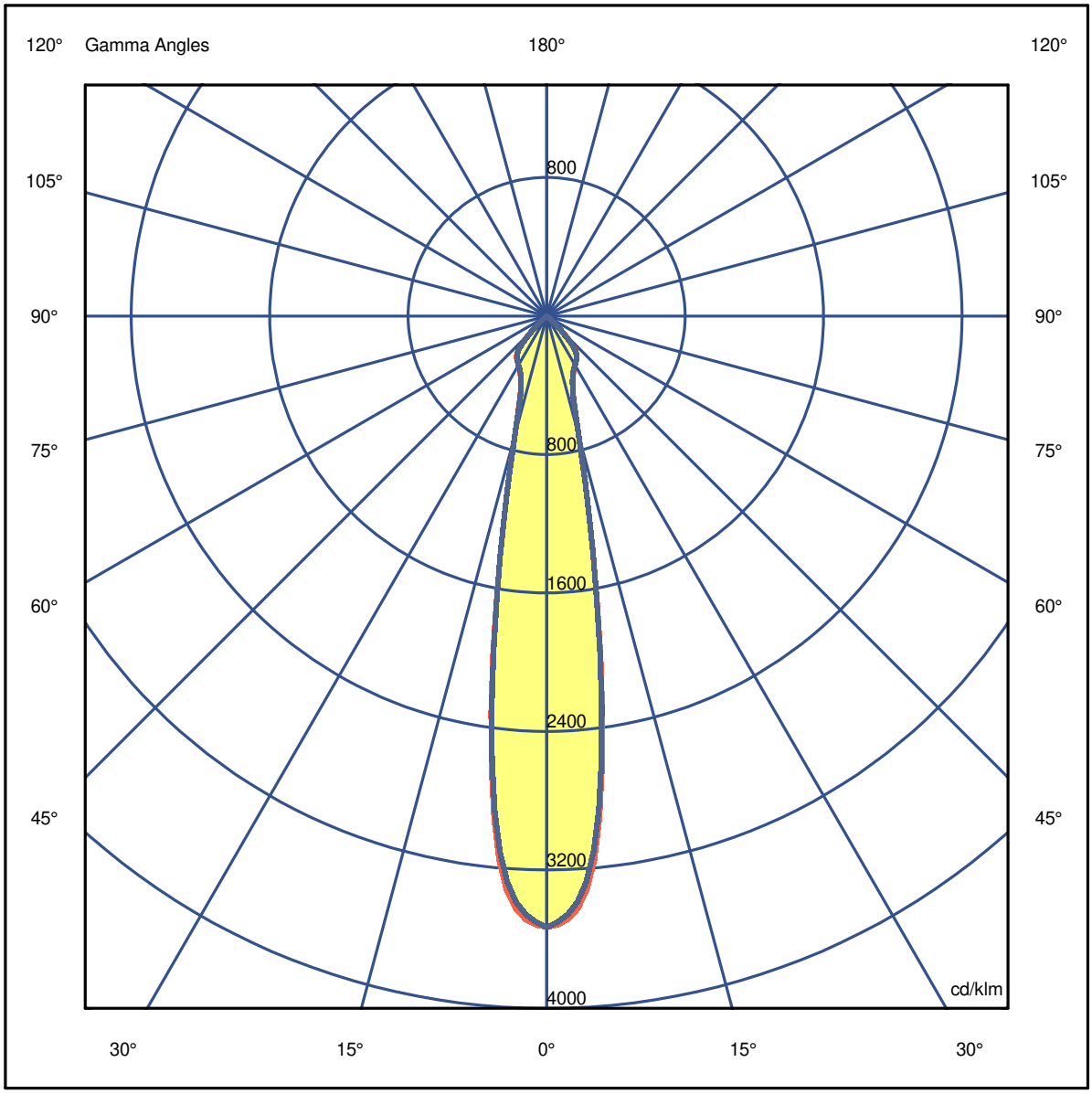
Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

50mm x 110mm



C Halfplanes





Luminaire
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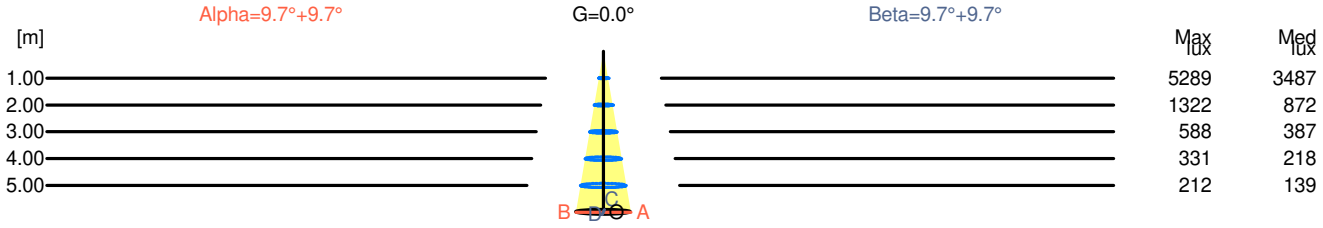
Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.17	0.34	0.51	0.68	0.86	OC	0.17	0.34	0.51	0.68	0.85
OB	0.17	0.34	0.51	0.68	0.86	OD	0.17	0.34	0.51	0.68	0.85

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	5289.44	4725.29	1070.32	542.73	450.75	182.16	5.54	2.10	0.75	0.75
OB	5289.44	4725.29	1070.32	542.73	450.75	182.16	5.54	2.10	0.75	0.75
OC	5289.44	4653.84	1065.53	539.28	447.60	179.01	4.79	2.10	0.75	0.75
OD	5289.44	4653.84	1065.53	539.28	447.60	179.01	4.79	2.10	0.75	0.75



H[m]	D[m]	Max lux	Med lux	Alpha=9.7°+9.7° G=0.0
1.00	0.34	5289	3487	
2.00	0.68	1322	872	
3.00	1.03	588	387	
4.00	1.37	331	218	
5.00	1.71	212	139	

H[m]	D[m]	Max lux	Med lux	Beta=9.7°+9.7° G=0.0
1.00	0.34	5289	3487	
2.00	0.68	1322	872	
3.00	1.02	588	387	
4.00	1.36	331	218	
5.00	1.70	212	139	

Luminaire
Code 90703L002
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Code 1/6/2022
Name ELI 50 SPOT /E 2 PB 930 20º LO

Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

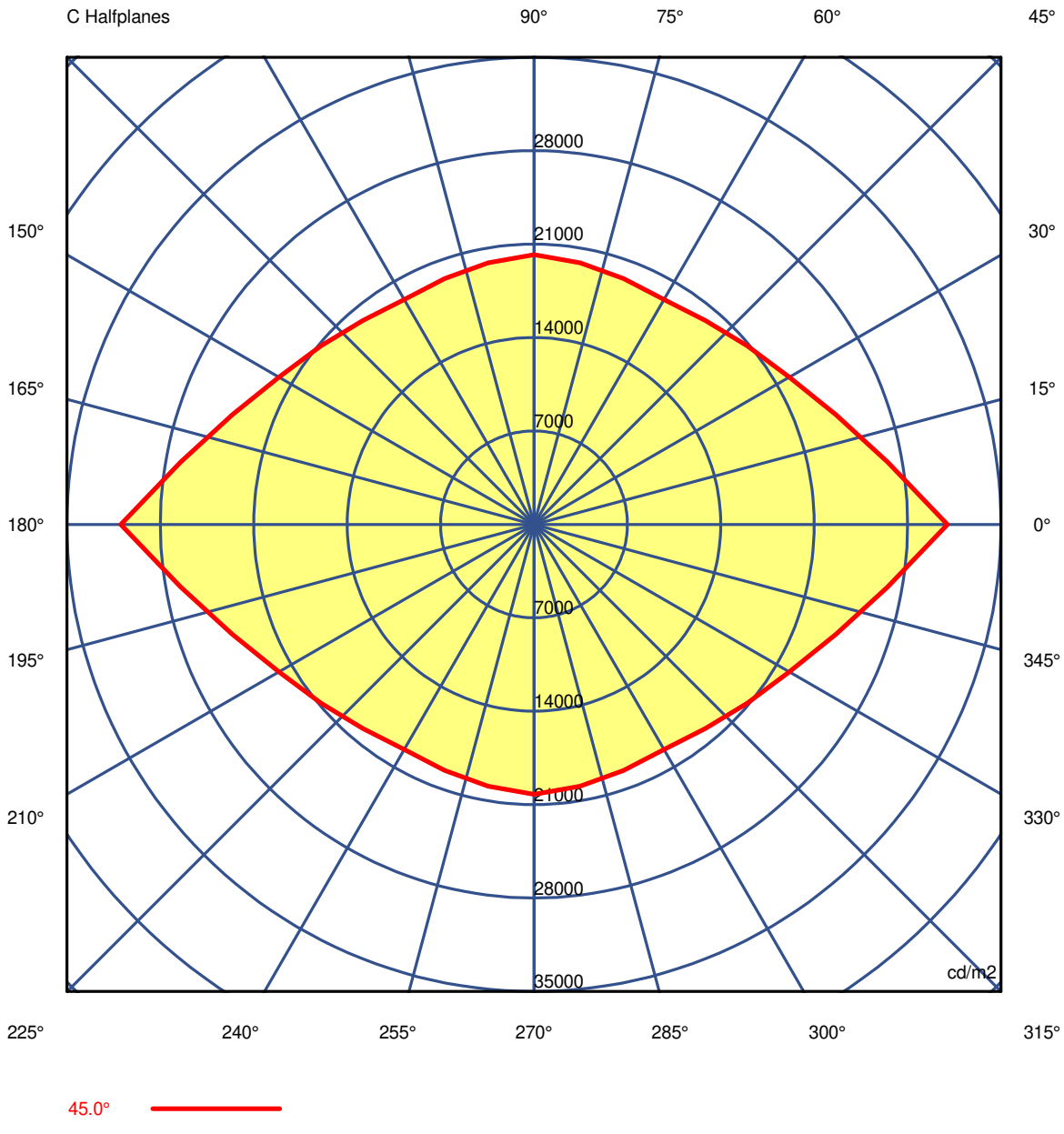
UGR
S = 0.250

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	18.8	19.5	19.1	19.7	19.9	18.1	18.9	18.4	19.1	19.3
x=2H y=3H	18.7	19.4	19.0	19.6	19.8	18.0	18.7	18.3	18.9	19.2
x=2H y=4H	18.6	19.2	18.9	19.5	19.7	17.9	18.6	18.3	18.8	19.1
x=2H y=6H	18.5	19.1	18.9	19.4	19.7	17.9	18.4	18.2	18.7	19.0
x=2H y=8H	18.5	19.0	18.8	19.3	19.6	17.8	18.4	18.2	18.7	19.0
x=2H y=12H	18.5	19.0	18.8	19.3	19.6	17.8	18.3	18.1	18.6	18.9
x=4H y=2H	18.6	19.2	18.9	19.5	19.7	17.9	18.6	18.3	18.8	19.1
x=4H y=3H	18.5	19.0	18.8	19.3	19.6	17.8	18.3	18.1	18.6	18.9
x=4H y=4H	18.4	18.8	18.8	19.2	19.5	17.7	18.2	18.1	18.5	18.8
x=4H y=6H	18.3	18.7	18.7	19.1	19.4	17.7	18.0	18.1	18.4	18.8
x=4H y=8H	18.3	18.6	18.7	19.0	19.4	17.6	18.0	18.0	18.3	18.7
x=4H y=12H	18.2	18.5	18.7	18.9	19.3	17.6	17.9	18.0	18.3	18.7
x=8H y=4H	18.3	18.6	18.7	19.0	19.4	17.6	18.0	18.0	18.3	18.7
x=8H y=6H	18.2	18.5	18.6	18.9	19.3	17.5	17.8	18.0	18.2	18.7
x=8H y=8H	18.1	18.4	18.6	18.8	19.3	17.5	17.7	18.0	18.1	18.6
x=8H y=12H	18.1	18.3	18.6	18.8	19.2	17.4	17.6	17.9	18.1	18.6
x=12H y=4H	18.2	18.5	18.7	18.9	19.3	17.6	17.9	18.0	18.3	18.7
x=12H y=6H	18.1	18.4	18.6	18.8	19.3	17.5	17.7	18.0	18.1	18.6
x=12H y=8H	18.1	18.3	18.6	18.8	19.2	17.4	17.6	17.9	18.1	18.6

Luminaire
Code 90703L002
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Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire
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Name ELI 50 SPOT /E 2 PB 930 20º LO
Measurem.
Code 1/6/2022
Name ELI 50 SPOT /E 2 PB 930 20º LO

Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 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	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787
G 5.0	892136	875162	863705	852971	836653	830927	832829	823640	819164	821846	819164	823640	832829
G 10.0	454723	438101	422642	409577	401311	394807	390586	392039	395475	399269	395475	392039	390586
G 15.0	187474	178080	168614	160472	156350	152766	150010	151607	153968	156783	153968	151607	150010
G 20.0	113112	105391	99233	94372	90935	88580	87363	87567	88539	90076	88539	87567	87363
G 25.0	91241	83796	78124	73894	70755	68765	67832	67714	68355	69826	68355	67714	67832
G 30.0	81812	74026	68314	64169	61207	59346	58490	58392	59018	60455	59018	58392	58490
G 35.0	75042	66907	61154	57101	54188	52355	51488	51353	51892	53187	51892	51353	51488
G 40.0	63337	55770	50470	46730	44068	42410	41578	41307	41662	42761	41662	41307	41578
G 45.0	30966	26905	24063	22090	20846	19967	19478	19611	19905	20222	19905	19611	19478
G 50.0	2526	2418	2126	1881	2233	2226	1979	2383	2748	2989	2748	2383	1979
G 55.0	993	742	653	633	559	515	502	501	510	531	510	501	502
G 60.0	503	479	414	346	341	338	329	328	343	383	343	328	329
G 65.0	411	373	331	296	273	250	221	220	225	235	225	220	221
G 70.0	280	225	192	170	157	148	144	144	147	154	147	144	144
G 75.0	167	172	155	137	125	118	115	114	109	88	109	114	115
G 80.0	182	140	131	142	130	122	118	95	86	91	86	95	118
G 85.0	202	151	95	43	75	91	88	87	90	95	90	87	88
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire
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Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 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	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787
G 5.0	830927	836653	852971	863705	875162	892136	875162	863705	852971	836653	830927	832829	823640
G 10.0	394807	401311	409577	422642	438101	454723	438101	422642	409577	401311	394807	390586	392039
G 15.0	152766	156350	160472	168614	178080	187474	178080	168614	160472	156350	152766	150010	151607
G 20.0	88580	90935	94372	99233	105391	113112	105391	99233	94372	90935	88580	87363	87567
G 25.0	68765	70755	73894	78124	83796	91241	83796	78124	73894	70755	68765	67832	67714
G 30.0	59346	61207	64169	68314	74026	81812	74026	68314	64169	61207	59346	58490	58392
G 35.0	52355	54188	57101	61154	66907	75042	66907	61154	57101	54188	52355	51488	51353
G 40.0	42410	44068	46730	50470	55770	63337	55770	50470	46730	44068	42410	41578	41307
G 45.0	19967	20846	22090	24063	26905	30966	26905	24063	22090	20846	19967	19478	19611
G 50.0	2226	2233	1881	2126	2418	2526	2418	2126	1881	2233	2226	1979	2383
G 55.0	515	559	633	653	742	993	742	653	633	559	515	502	501
G 60.0	338	341	346	414	479	503	479	414	346	341	338	329	328
G 65.0	250	273	296	331	373	411	373	331	296	273	250	221	220
G 70.0	148	157	170	192	225	280	225	192	170	157	148	144	144
G 75.0	118	125	137	155	172	167	172	155	137	125	118	115	114
G 80.0	122	130	142	131	140	182	140	131	142	130	122	118	95
G 85.0	91	75	43	95	151	202	151	95	43	75	91	88	87
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire
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Luminaire Flux	1420 lm	Luminaire Power	10.0 W	Efficacy	141.689 lm/W	Efficiency	94.77%
Source Flux	1498 lm	Maximum value	3531.00 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	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787	1051787
G 5.0	819164	821846	819164	823640	832829	830927	836653	852971	863705	875162
G 10.0	395475	399269	395475	392039	390586	394807	401311	409577	422642	438101
G 15.0	153968	156783	153968	151607	150010	152766	156350	160472	168614	178080
G 20.0	88539	90076	88539	87567	87363	88580	90935	94372	99233	105391
G 25.0	68355	69826	68355	67714	67832	68765	70755	73894	78124	83796
G 30.0	59018	60455	59018	58392	58490	59346	61207	64169	68314	74026
G 35.0	51892	53187	51892	51353	51488	52355	54188	57101	61154	66907
G 40.0	41662	42761	41662	41307	41578	42410	44068	46730	50470	55770
G 45.0	19905	20222	19905	19611	19478	19967	20846	22090	24063	26905
G 50.0	2748	2989	2748	2383	1979	2226	2233	1881	2126	2418
G 55.0	510	531	510	501	502	515	559	633	653	742
G 60.0	343	383	343	328	329	338	341	346	414	479
G 65.0	225	235	225	220	221	250	273	296	331	373
G 70.0	147	154	147	144	144	148	157	170	192	225
G 75.0	109	88	109	114	115	118	125	137	155	172
G 80.0	86	91	86	95	118	122	130	142	131	140
G 85.0	90	95	90	87	88	91	75	43	95	151
G 90.0	0	0	0	0	0	0	0	0	0	0