

Luminaire

Code 90694L002
Name ELI 50 /E 2 PB 940 20° HO

Measurement

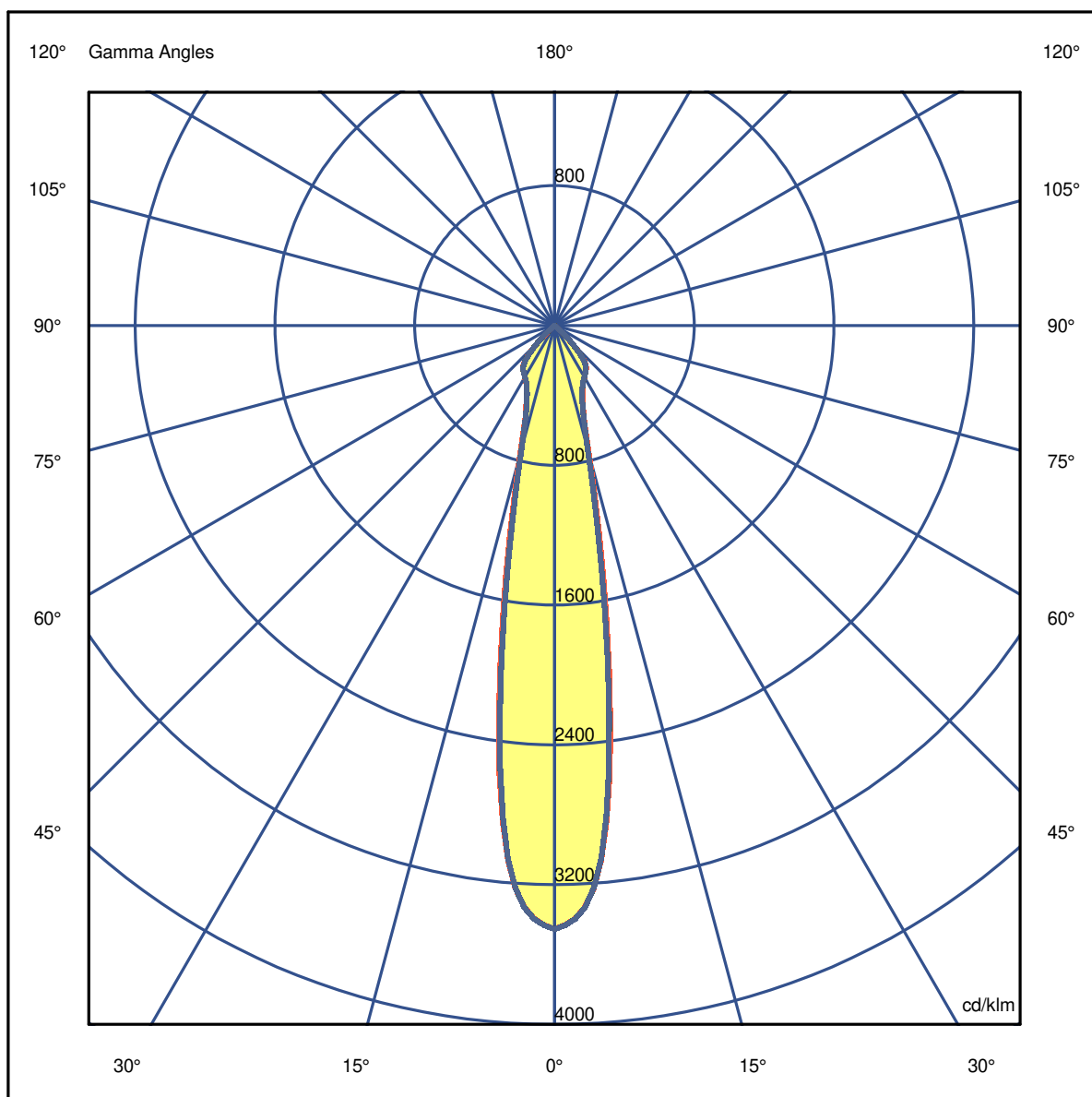
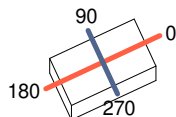
Code 1/6/2022
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Luminaire Flux	2343 lm	Luminaire Power	17.4 W	Efficacy	134.284 lm/W	Efficiency	97.31%
Source Flux	2408 lm	Maximum value	3455.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

75mm x 135mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



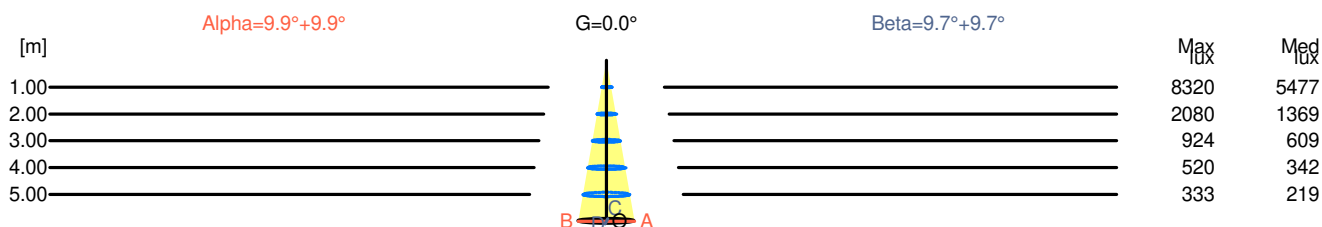
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Width at 50.00 % of Max Intensity

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	0.18	0.35	0.53	0.70	0.88	OC	0.17	0.34	0.51	0.69	0.86
OB	0.18	0.35	0.53	0.70	0.88	OD	0.17	0.34	0.51	0.69	0.86

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	8319.88	7395.93	1825.26	917.21	752.74	301.96	9.63	4.09	2.65	1.44
OB	8319.88	7395.93	1825.26	917.21	752.74	301.96	9.63	4.09	2.65	1.44
OC	8319.88	7373.30	1767.95	909.98	750.57	312.32	9.63	4.09	1.44	1.44
OD	8319.88	7373.30	1767.95	909.98	750.57	312.32	9.63	4.09	1.44	1.44



H[m]	D[m]	Max lux	Med lux	Alpha=9.9°+9.9°	G=0.0	
1.00	0.35	8320	5477			
2.00	0.70	2080	1369			
3.00	1.05	924	609			
4.00	1.40	520	342			
5.00	1.75	333	219			

H[m]	D[m]	Max lux	Med lux	Beta=9.7°+9.7°	G=0.0	
1.00	0.34	8320	5477			
2.00	0.69	2080	1369			
3.00	1.03	924	609			
4.00	1.37	520	342			
5.00	1.72	333	219			

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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	20.6	21.4	20.9	21.6	21.8	20.0	20.7	20.2	20.9	21.1
x=2H y=3H	20.5	21.2	20.8	21.4	21.6	19.8	20.5	20.1	20.7	21.0
x=2H y=4H	20.4	21.1	20.7	21.3	21.6	19.8	20.4	20.1	20.7	20.9
x=2H y=6H	20.4	20.9	20.7	21.2	21.5	19.7	20.3	20.0	20.5	20.8
x=2H y=8H	20.3	20.9	20.7	21.2	21.5	19.7	20.2	20.0	20.5	20.8
x=2H y=12H	20.3	20.8	20.6	21.1	21.4	19.6	20.1	20.0	20.4	20.7
x=4H y=2H	20.4	21.1	20.7	21.3	21.6	19.8	20.4	20.1	20.7	20.9
x=4H y=3H	20.3	20.8	20.6	21.1	21.4	19.6	20.1	20.0	20.4	20.7
x=4H y=4H	20.2	20.7	20.6	21.0	21.3	19.6	20.0	19.9	20.3	20.7
x=4H y=6H	20.1	20.5	20.5	20.9	21.3	19.5	19.9	19.9	20.2	20.6
x=4H y=8H	20.1	20.4	20.5	20.8	21.2	19.5	19.8	19.9	20.2	20.6
x=4H y=12H	20.1	20.4	20.5	20.8	21.2	19.4	19.7	19.8	20.1	20.5
x=8H y=4H	20.1	20.4	20.5	20.8	21.2	19.5	19.8	19.9	20.2	20.6
x=8H y=6H	20.0	20.3	20.5	20.7	21.1	19.4	19.6	19.8	20.0	20.5
x=8H y=8H	20.0	20.2	20.4	20.6	21.1	19.3	19.5	19.8	20.0	20.4
x=8H y=12H	19.9	20.1	20.4	20.6	21.1	19.3	19.4	19.7	19.9	20.4
x=12H y=4H	20.1	20.4	20.5	20.8	21.2	19.4	19.7	19.8	20.1	20.5
x=12H y=6H	20.0	20.2	20.4	20.6	21.1	19.3	19.5	19.8	20.0	20.4
x=12H y=8H	19.9	20.1	20.4	20.6	21.1	19.3	19.4	19.7	19.9	20.4

Luminaire

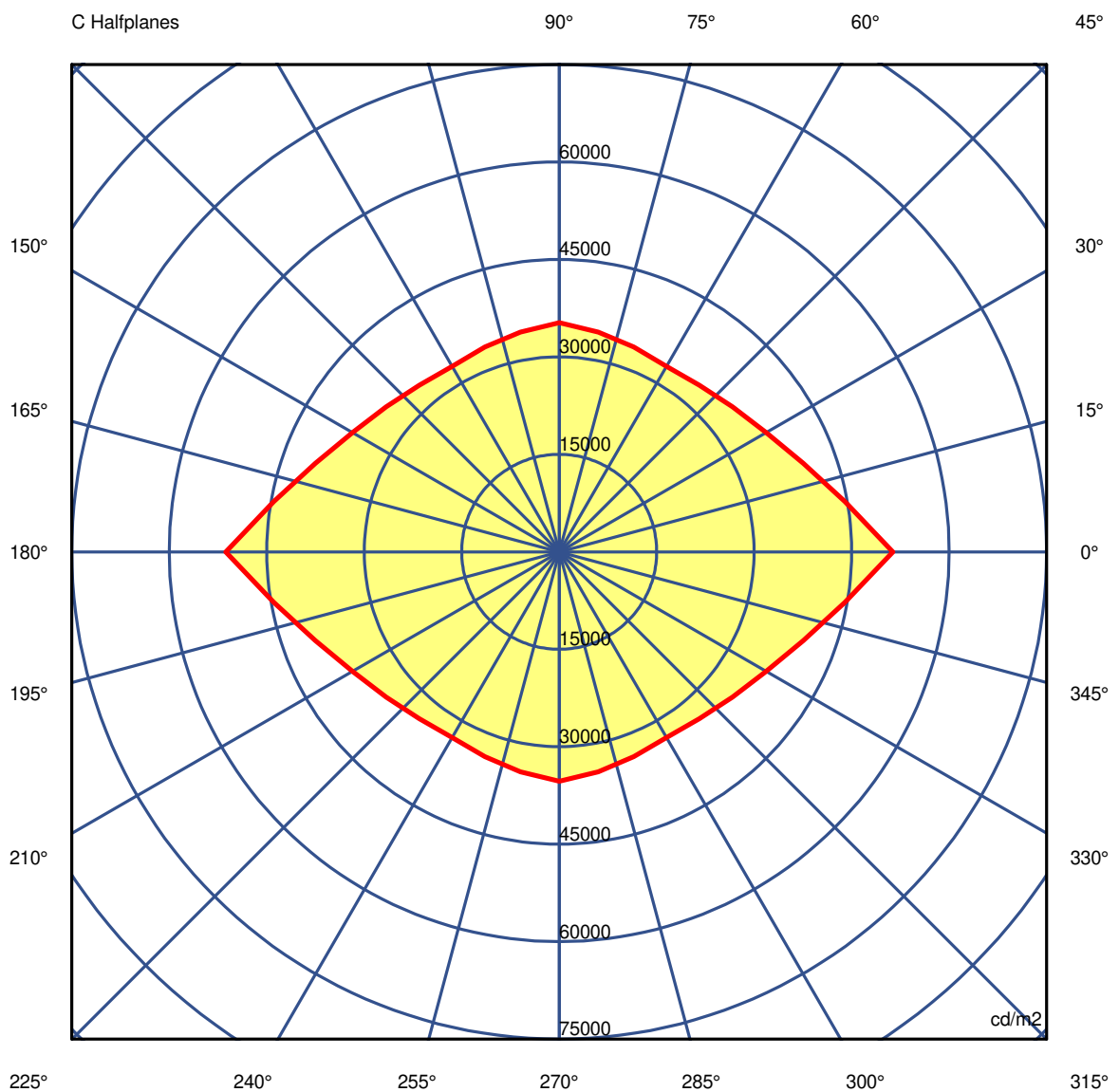
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Measurem.

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Luminaire Flux	2343 lm	Luminaire Power	17.4 W	Efficacy	134.284 lm/W	Efficiency	97.31%
Source Flux	2408 lm	Maximum value	3455.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		2343 lm		Luminaire Power		17.4 W		Efficacy		134.284 lm/W		Efficiency		97.31%	
Source Flux		2408 lm		Maximum value		3455.10 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	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	
G 5.0	1396353	1365503	1343402	1329047	1317233	1308058	1304182	1306779	1306614	1302091	1306614	1306779	1304182	1306779	
G 10.0	746825	715175	688959	668929	654572	643063	635084	636824	638177	635808	638177	636824	635084	636824	
G 15.0	319708	303339	288947	276883	268364	261745	256805	254949	256165	260139	256165	254949	256805	254949	
G 20.0	194666	181079	169759	161084	155832	151648	148614	148837	150780	153651	150780	148837	148614	148837	
G 25.0	154198	141468	131646	124291	119154	115537	113437	113355	114880	117824	114880	113355	113437	113355	
G 30.0	137090	124055	114256	107084	102197	98851	96966	96947	98336	101133	98336	96947	96966	96966	
G 35.0	125319	111926	102100	94957	90203	86979	85150	85129	86473	89188	86473	85129	85150	85150	
G 40.0	105969	93234	84048	77557	73327	70330	68533	68561	69697	71682	69697	68561	68533	68533	
G 45.0	51333	44607	39923	36740	34773	33506	32992	33549	34385	35281	34385	33549	32992	32992	
G 50.0	5400	4702	4133	3663	3350	3147	3054	3107	3236	3409	3236	3107	3054	3054	
G 55.0	1726	1459	1282	1162	1083	1044	1034	1016	1025	1068	1025	1016	1034	1034	
G 60.0	1167	971	845	761	706	672	655	653	666	696	666	653	655	655	
G 65.0	802	656	565	505	467	443	431	430	439	459	439	430	431	431	
G 70.0	551	442	377	335	308	291	283	282	294	330	294	282	283	283	
G 75.0	591	466	368	283	258	228	184	183	183	169	183	183	184	184	
G 80.0	351	270	224	196	178	168	163	162	166	175	166	162	163	163	
G 85.0	389	291	238	206	187	175	169	169	173	183	173	169	169	169	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux		2408 lm		Maximum value		3455.10 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	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381
G 5.0	1308058	1317233	1329047	1343402	1365503	1396353	1365503	1343402	1329047	1317233	1308058	1304182	1306779		
G 10.0	643063	654572	668929	688959	715175	746825	715175	688959	668929	654572	643063	635084	636824		
G 15.0	261745	268364	276883	288947	303339	319708	303339	288947	276883	268364	261745	256805	254949		
G 20.0	151648	155832	161084	169759	181079	194666	181079	169759	161084	155832	151648	148614	148837		
G 25.0	115537	119154	124291	131646	141468	154198	141468	131646	124291	119154	115537	113437	113355		
G 30.0	98851	102197	107084	114256	124055	137090	124055	114256	107084	102197	98851	96966	96947		
G 35.0	86979	90203	94957	102100	111926	125319	111926	102100	94957	90203	86979	85150	85129		
G 40.0	70330	73327	77557	84048	93234	105969	93234	84048	77557	73327	70330	68533	68561		
G 45.0	33506	34773	36740	39923	44607	51333	44607	39923	36740	34773	33506	32992	33549		
G 50.0	3147	3350	3663	4133	4702	5400	4702	4133	3663	3350	3147	3054	3107		
G 55.0	1044	1083	1162	1282	1459	1726	1459	1282	1162	1083	1044	1034	1016		
G 60.0	672	706	761	845	971	1167	971	845	761	706	672	655	653		
G 65.0	443	467	505	565	656	802	656	565	505	467	443	431	430		
G 70.0	291	308	335	377	442	551	442	377	335	308	291	283	282		
G 75.0	228	258	283	368	466	591	466	368	283	258	228	184	183		
G 80.0	168	178	196	224	270	351	270	224	196	178	168	163	162		
G 85.0	175	187	206	238	291	389	291	238	206	187	175	169	169		
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	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381	1654381
G 5.0	1306614	1302091	1306614	1306779	1304182	1308058	1317233	1329047	1343402	1365503
G 10.0	638177	635808	638177	636824	635084	643063	654572	668929	688959	715175
G 15.0	256165	260139	256165	254949	256805	261745	268364	276883	288947	303339
G 20.0	150780	153651	150780	148837	148614	151648	155832	161084	169759	181079
G 25.0	114880	117824	114880	113355	113437	115537	119154	124291	131646	141468
G 30.0	98336	101133	98336	96947	96966	98851	102197	107084	114256	124055
G 35.0	86473	89188	86473	85129	85150	86979	90203	94957	102100	111926
G 40.0	69697	71682	69697	68561	68533	70330	73327	77557	84048	93234
G 45.0	34385	35281	34385	33549	32992	33506	34773	36740	39923	44607
G 50.0	3236	3409	3236	3107	3054	3147	3350	3663	4133	4702
G 55.0	1025	1068	1025	1016	1034	1044	1083	1162	1282	1459
G 60.0	666	696	666	653	655	672	706	761	845	971
G 65.0	439	459	439	430	431	443	467	505	565	656
G 70.0	294	330	294	282	283	291	308	335	377	442
G 75.0	183	169	183	183	184	228	258	283	368	466
G 80.0	166	175	166	162	163	168	178	196	224	270
G 85.0	173	183	173	169	169	175	187	206	238	291
G 90.0	0	0	0	0	0	0	0	0	0	0