

Luminaire

Code 90695L002
Name ELI 50 /E 2 PB 940 20° LO

Measurement

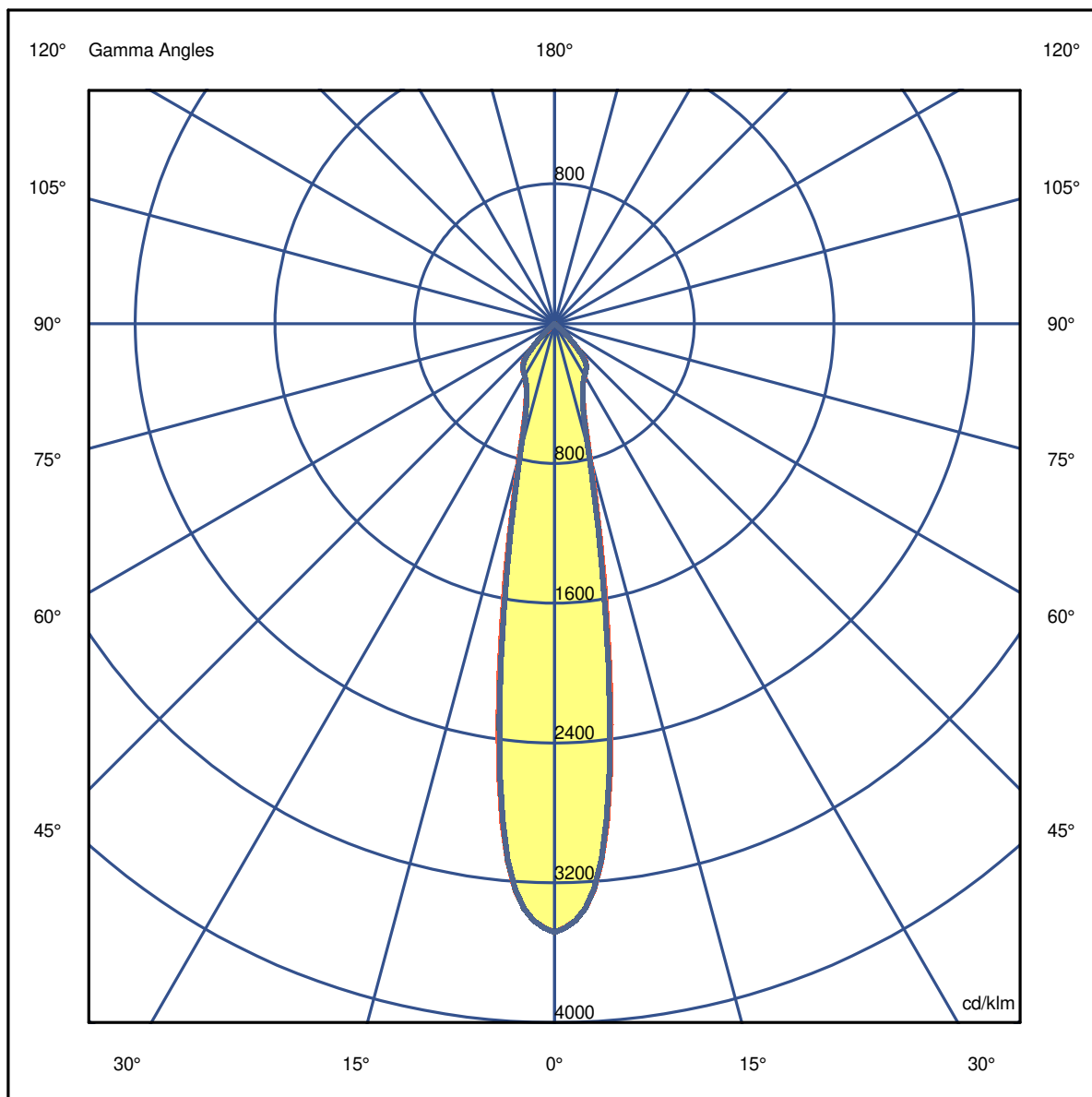
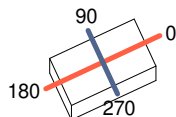
Code 1/6/2022
Name ELI 50 /E 2 PB 940 20° LO

Luminaire Flux	1498 lm	Luminaire Power	10.0 W	Efficacy	149.525 lm/W	Efficiency	98.31%
Source Flux	1524 lm	Maximum value	3483.40 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



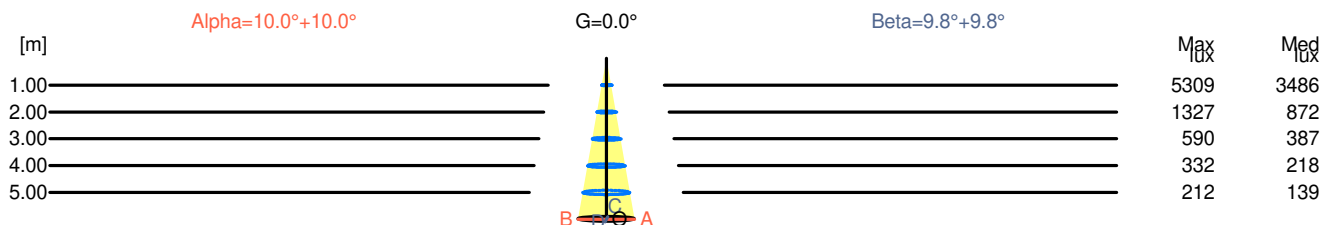
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Width at 50.00 % of Max Intensity

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	0.52	0.69	0.86
OB	0.18	0.35	0.53	0.70	0.88	OD	0.17	0.34	0.52	0.69	0.86

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5308.70	4706.11	1174.85	588.11	481.74	192.18	6.25	2.74	1.37	0.76
OB	5308.70	4706.11	1174.85	588.11	481.74	192.18	6.25	2.74	1.37	0.76
OC	5308.70	4689.04	1132.18	583.08	479.30	200.56	5.49	2.74	1.37	0.00
OD	5308.70	4689.04	1132.18	583.08	479.30	200.56	5.49	2.74	1.37	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=10.0°+10.0°	G=0.0	
1.00	0.35	5309	3486			
2.00	0.70	1327	872			
3.00	1.06	590	387			
4.00	1.41	332	218			
5.00	1.76	212	139			

H[m]	D[m]	Max lux	Med lux	Beta=9.8°+9.8°	G=0.0	
1.00	0.34	5309	3486			
2.00	0.69	1327	872			
3.00	1.03	590	387			
4.00	1.38	332	218			
5.00	1.72	212	139			

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Source Flux	1524 lm	Maximum value	3483.40 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	19.1	19.8	19.3	20.0	20.2	18.4	19.2	18.7	19.4	19.6
x=2H y=3H	18.9	19.6	19.2	19.8	20.1	18.3	18.9	18.6	19.2	19.4
x=2H y=4H	18.9	19.5	19.2	19.7	20.0	18.2	18.8	18.5	19.1	19.3
x=2H y=6H	18.8	19.4	19.1	19.7	19.9	18.1	18.7	18.5	19.0	19.3
x=2H y=8H	18.8	19.3	19.1	19.6	19.9	18.1	18.7	18.4	18.9	19.2
x=2H y=12H	18.7	19.2	19.1	19.5	19.9	18.1	18.6	18.4	18.9	19.2
x=4H y=2H	18.9	19.5	19.2	19.7	20.0	18.2	18.8	18.5	19.1	19.3
x=4H y=3H	18.7	19.2	19.1	19.5	19.9	18.1	18.6	18.4	18.9	19.2
x=4H y=4H	18.7	19.1	19.0	19.4	19.8	18.0	18.4	18.4	18.8	19.1
x=4H y=6H	18.6	19.0	19.0	19.3	19.7	17.9	18.3	18.3	18.7	19.0
x=4H y=8H	18.5	18.9	19.0	19.3	19.7	17.9	18.2	18.3	18.6	19.0
x=4H y=12H	18.5	18.8	18.9	19.2	19.6	17.8	18.1	18.3	18.5	18.9
x=8H y=4H	18.5	18.9	18.9	19.3	19.7	17.9	18.2	18.3	18.6	19.0
x=8H y=6H	18.4	18.7	18.9	19.1	19.6	17.8	18.1	18.2	18.5	18.9
x=8H y=8H	18.4	18.6	18.9	19.1	19.5	17.8	18.0	18.2	18.4	18.9
x=8H y=12H	18.4	18.5	18.8	19.0	19.5	17.7	17.9	18.2	18.3	18.8
x=12H y=4H	18.5	18.8	18.9	19.2	19.6	17.8	18.1	18.3	18.5	18.9
x=12H y=6H	18.4	18.6	18.9	19.1	19.5	17.8	18.0	18.2	18.4	18.9
x=12H y=8H	18.4	18.5	18.8	19.0	19.5	17.7	17.9	18.2	18.3	18.8

Luminaire

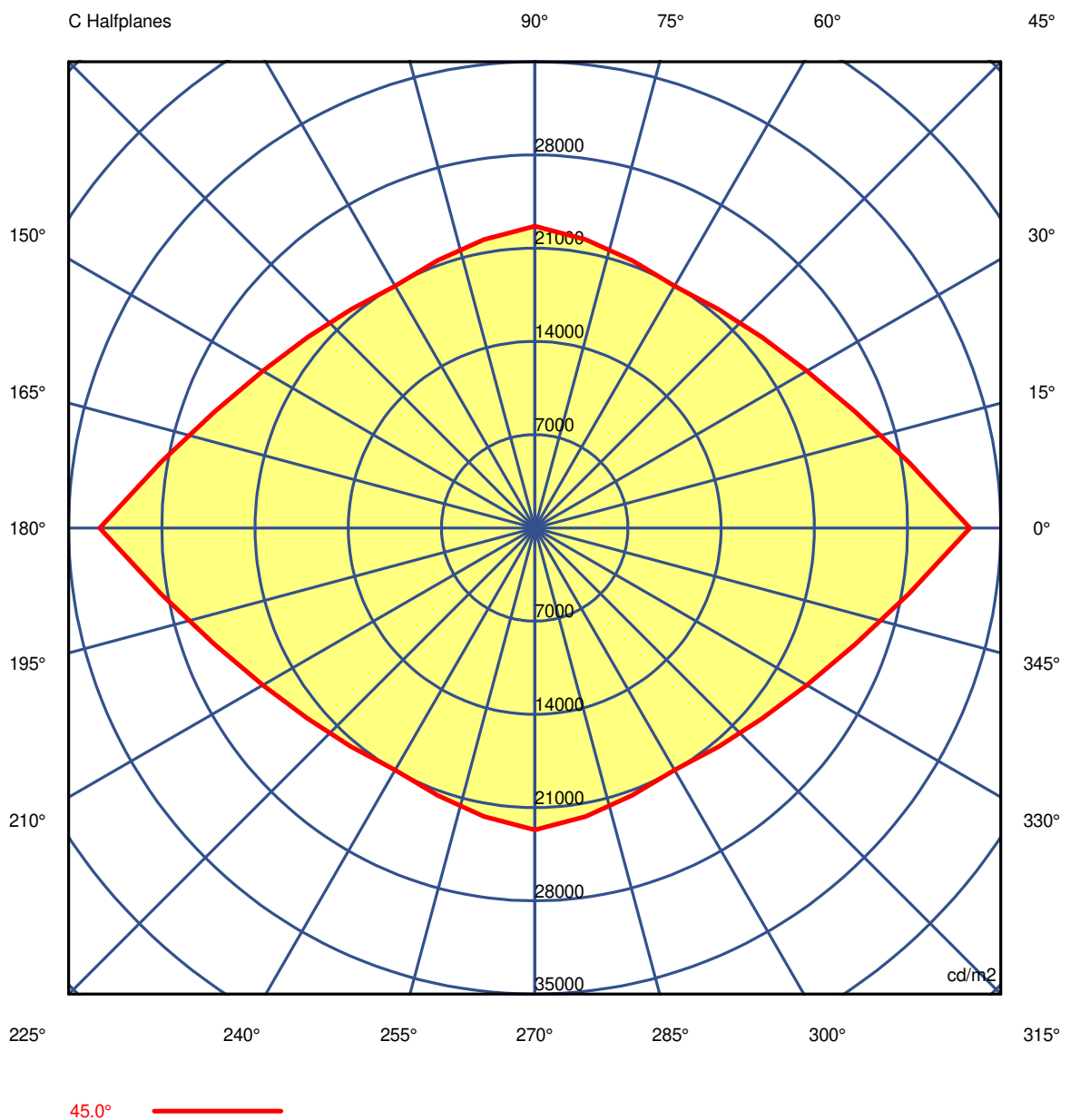
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Luminaire Flux	1498 lm	Luminaire Power	10.0 W	Efficacy	149.525 lm/W	Efficiency	98.31%
Source Flux	1524 lm	Maximum value	3483.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		1498 lm		Luminaire Power		10.0 W		Efficacy		149.525 lm/W		Efficiency		98.31%	
Source Flux		1524 lm		Maximum value		3483.40 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	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618
G 5.0	888515	868834	854645	845535	838577	833692	831907	833205	832117	828064	832117	833205	831907	831907	831907
G 10.0	478535	459203	441972	428058	419183	411246	405698	407503	409215	408124	409215	407503	405698	405698	405698
G 15.0	205784	194625	185226	177419	172200	167947	164522	163319	164124	166590	164124	163319	164522	164522	164522
G 20.0	124843	116043	108883	103433	99797	97035	95072	95278	96572	98415	96572	95278	95072	95072	95072
G 25.0	98872	90625	84286	79575	76315	74015	72670	72629	73614	75497	73614	72629	72670	72670	72670
G 30.0	87753	79310	73053	68529	65379	63274	62093	62044	62919	64721	62919	62044	62093	62093	62093
G 35.0	80201	71582	65209	60637	57671	55623	54429	54480	55369	56953	55369	54480	54429	54429	54429
G 40.0	67629	59440	53682	49631	46850	44948	43810	43811	44498	45719	44498	43811	43810	43810	43810
G 45.0	32670	28498	25586	23586	22278	21433	20979	21367	21991	22656	21991	21367	20979	20979	20979
G 50.0	3497	3097	2681	2300	2105	2001	1933	1922	1975	2090	1975	1922	1933	1933	1933
G 55.0	1120	946	811	699	660	638	607	581	584	608	584	581	607	607	607
G 60.0	767	638	555	500	464	429	399	417	438	457	438	417	399	399	399
G 65.0	537	440	378	339	313	297	289	288	294	308	294	288	289	289	289
G 70.0	285	229	195	173	159	151	147	146	149	157	149	146	147	147	147
G 75.0	306	241	203	179	164	154	150	149	153	161	153	149	150	150	150
G 80.0	333	257	213	186	169	138	86	85	88	92	88	85	86	86	86
G 85.0	205	264	201	109	98	77	36	36	30	0	30	36	36	36	36
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		1524 lm		Maximum value		3483.40 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	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618
G 5.0	833692	838577	845535	854645	868834	888515	868834	854645	845535	838577	833692	831907	833205	833205	831907	833692
G 10.0	411246	419183	428058	441972	459203	478535	459203	441972	428058	419183	411246	405698	407503	407503	405698	411246
G 15.0	167947	172200	177419	185226	194625	205784	194625	185226	177419	172200	167947	164522	163319	163319	164522	172200
G 20.0	97035	99797	103433	108883	116043	124843	116043	108883	103433	99797	97035	95072	95278	95278	95072	103433
G 25.0	74015	76315	79575	84286	90625	98872	90625	84286	79575	76315	74015	72670	72629	72629	72670	84286
G 30.0	63274	65379	68529	73053	79310	87753	79310	73053	68529	65379	63274	62093	62044	62044	62093	73053
G 35.0	55623	57671	60637	65209	71582	80201	71582	65209	60637	57671	55623	54429	54480	54480	54429	60637
G 40.0	44948	46850	49631	53682	59440	67629	59440	53682	49631	46850	44948	43810	43811	43811	43810	49631
G 45.0	21433	22278	23586	25586	28498	32670	28498	25586	23586	22278	21433	20979	21367	21367	20979	23586
G 50.0	2001	2105	2300	2681	3097	3497	3097	2681	2300	2105	2001	1933	1922	1922	1933	2300
G 55.0	638	660	699	811	946	1120	946	811	699	660	638	607	581	581	607	811
G 60.0	429	464	500	555	638	767	638	555	500	464	429	399	417	417	399	500
G 65.0	297	313	339	378	440	537	440	378	339	313	297	289	288	288	289	339
G 70.0	151	159	173	195	229	285	229	195	173	159	151	147	146	146	147	173
G 75.0	154	164	179	203	241	306	241	203	179	164	154	150	149	149	150	179
G 80.0	138	169	186	213	257	333	257	213	186	169	138	86	85	85	86	186
G 85.0	77	98	109	201	264	205	264	201	109	98	77	36	36	36	36	109
G 90.0	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	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618	1055618
G 5.0	832117	828064	832117	833205	831907	833692	838577	845535	854645	868834
G 10.0	409215	408124	409215	407503	405698	411246	419183	428058	441972	459203
G 15.0	164124	166590	164124	163319	164522	167947	172200	177419	185226	194625
G 20.0	96572	98415	96572	95278	95072	97035	99797	103433	108883	116043
G 25.0	73614	75497	73614	72629	72670	74015	76315	79575	84286	90625
G 30.0	62919	64721	62919	62044	62093	63274	65379	68529	73053	79310
G 35.0	55369	56953	55369	54480	54429	55623	57671	60637	65209	71582
G 40.0	44498	45719	44498	43811	43810	44948	46850	49631	53682	59440
G 45.0	21991	22656	21991	21367	20979	21433	22278	23586	25586	28498
G 50.0	1975	2090	1975	1922	1933	2001	2105	2300	2681	3097
G 55.0	584	608	584	581	607	638	660	699	811	946
G 60.0	438	457	438	417	399	429	464	500	555	638
G 65.0	294	308	294	288	289	297	313	339	378	440
G 70.0	149	157	149	146	147	151	159	173	195	229
G 75.0	153	161	153	149	150	154	164	179	203	241
G 80.0	88	92	88	85	86	138	169	186	213	257
G 85.0	30	0	30	36	36	77	98	109	201	264
G 90.0	0	0	0	0	0	0	0	0	0	0