

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measur.

Code 5/9/2023

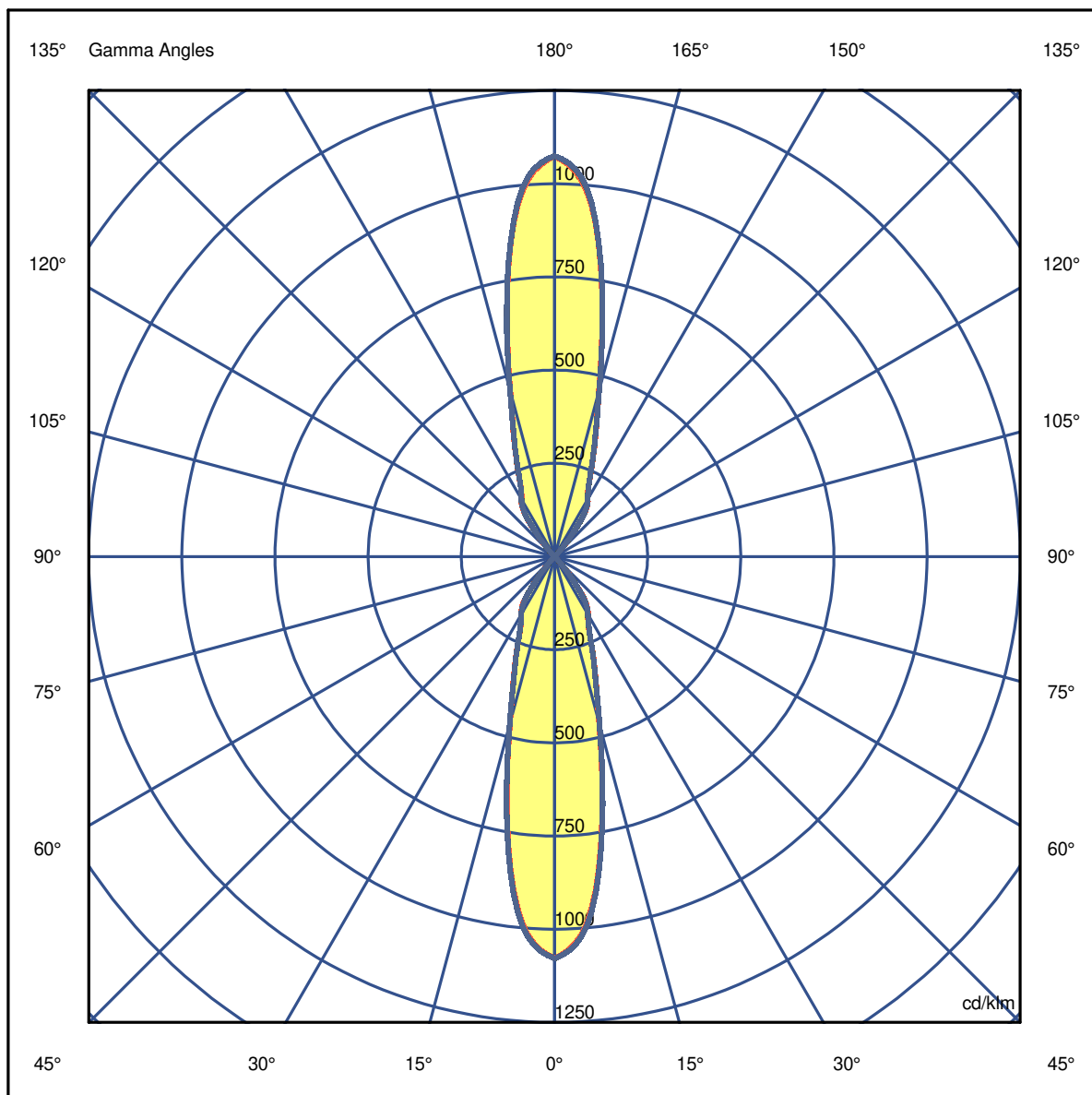
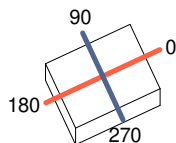
Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm	Luminaire Power	10.0 W	Efficacy	109.042 lm/W	Efficiency	83.74%
Source Flux	1306 lm	Maximum value	1078.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 105mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measurem.

Code 5/9/2023

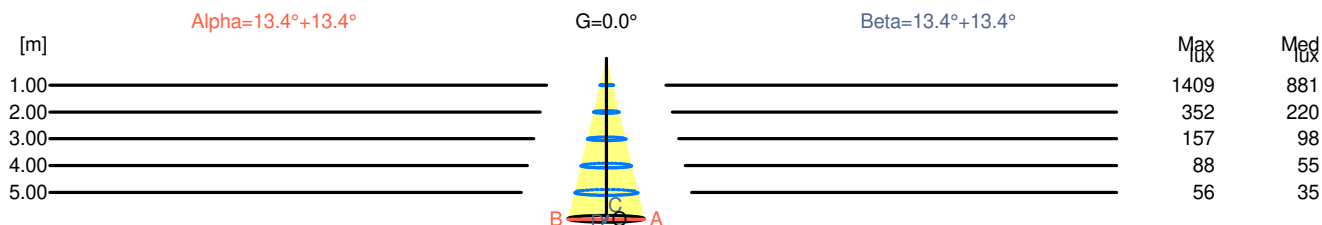
Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm	Luminaire Power	10.0 W	Efficacy	109.042 lm/W	Efficiency	83.74%
Source Flux	1306 lm	Maximum value	1078.60 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	0.24	0.48	0.71	0.95	1.19	OC	0.24	0.48	0.72	0.96	1.20
OB	0.24	0.48	0.71	0.95	1.19	OD	0.24	0.48	0.72	0.96	1.20

	0	5	15	25	35	45	55	65	75	85
OA	1408.65	1290.59	603.24	287.19	181.01	6.53	1.18	0.78	0.78	0.78
OB	1408.65	1290.59	603.24	287.19	181.01	6.53	1.18	0.78	0.78	0.78
OC	1408.65	1297.90	606.25	288.23	175.92	8.10	1.18	0.78	0.39	0.78
OD	1408.65	1297.90	606.25	288.23	175.92	8.10	1.18	0.78	0.39	0.78



H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+13.4°	G=0.0
1.00	0.48	1409	881		
2.00	0.95	352	220		
3.00	1.43	157	98		
4.00	1.90	88	55		
5.00	2.38	56	35		

H[m]	D[m]	Max lux	Med lux	Beta=13.4°+13.4°	G=0.0
1.00	0.48	1409	881		
2.00	0.96	352	220		
3.00	1.43	157	98		
4.00	1.91	88	55		
5.00	2.39	56	35		

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measurement

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm	Luminaire Power	10.0 W	Efficacy	109.042 lm/W	Efficiency	83.74%
Source Flux	1306 lm	Maximum value	1078.60 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	12.1	12.7	13.0	13.5	14.6	12.0	12.6	12.9	13.4	14.5
x=2H y=3H	11.8	12.4	12.7	13.2	14.3	11.7	12.3	12.6	13.1	14.2
x=2H y=4H	11.7	12.2	12.6	13.1	14.2	11.6	12.1	12.5	13.0	14.1
x=2H y=6H	11.6	12.0	12.5	12.9	14.1	11.5	11.9	12.4	12.8	14.0
x=2H y=8H	11.5	11.9	12.5	12.9	14.0	11.4	11.8	12.4	12.7	13.9
x=2H y=12H	11.5	11.9	12.4	12.8	14.0	11.4	11.8	12.3	12.7	13.9
x=4H y=2H	11.7	12.2	12.6	13.1	14.2	11.6	12.1	12.5	12.9	14.1
x=4H y=3H	11.4	11.8	12.4	12.7	13.9	11.3	11.7	12.3	12.6	13.8
x=4H y=4H	11.3	11.6	12.3	12.6	13.8	11.2	11.5	12.2	12.4	13.7
x=4H y=6H	11.2	11.5	12.2	12.4	13.7	11.0	11.3	12.0	12.3	13.5
x=4H y=8H	11.1	11.4	12.1	12.3	13.6	11.0	11.2	12.0	12.2	13.5
x=4H y=12H	11.1	11.3	12.1	12.3	13.6	10.9	11.2	12.0	12.2	13.5
x=8H y=4H	11.1	11.3	12.1	12.3	13.6	10.9	11.2	12.0	12.2	13.5
x=8H y=6H	11.0	11.2	12.0	12.2	13.5	10.8	11.0	11.8	12.0	13.3
x=8H y=8H	10.9	11.1	12.0	12.1	13.4	10.8	10.9	11.8	12.0	13.3
x=8H y=12H	10.9	11.1	12.0	12.1	13.4	10.8	10.9	11.8	11.9	13.3
x=12H y=4H	11.0	11.2	12.0	12.2	13.5	10.9	11.1	11.9	12.1	13.4
x=12H y=6H	10.9	11.1	11.9	12.1	13.4	10.7	10.9	11.8	11.9	13.3
x=12H y=8H	10.9	11.0	11.9	12.0	13.4	10.7	10.8	11.8	11.9	13.2

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

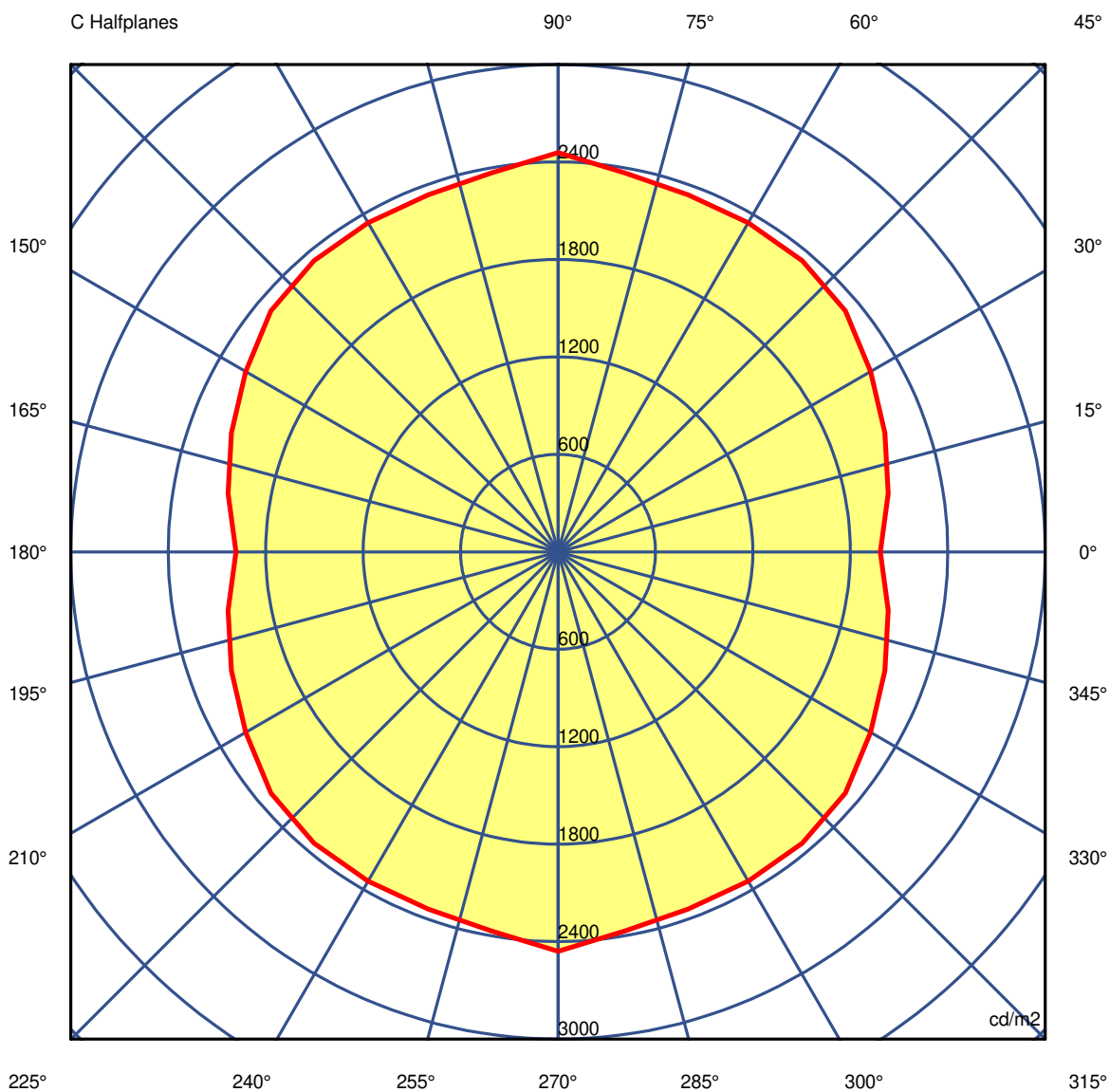
Measurem.

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm	Luminaire Power	10.0 W	Efficacy	109.042 lm/W	Efficiency	83.74%
Source Flux	1306 lm	Maximum value	1078.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measurement

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm		Luminaire Power		10.0 W		Efficacy		109.042 lm/W		Efficiency		83.74%	
Source Flux	1306 lm		Maximum value		1078.60 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	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	
G 5.0	278210	278289	278768	279308	279345	279703	280265	279598	279217	279786	279217	279598	280265	
G 10.0	208464	208654	209133	209888	209945	210116	210344	209895	209593	209803	209593	209895	210344	
G 15.0	134115	133418	133763	134492	134151	134685	135828	135246	134782	134782	134782	135246	135828	
G 20.0	93567	93195	93065	93030	92783	92912	93299	93169	92851	92612	92851	93169	93299	
G 25.0	68049	68070	68474	69163	68843	69016	69658	69182	68530	68297	68530	69182	69658	
G 30.0	57807	57728	57905	58163	58112	58174	58293	57977	57807	57807	57807	57977	58293	
G 35.0	47454	47362	47138	46701	46380	46032	45708	45670	45849	46118	45849	45670	45708	
G 40.0	16988	17023	17225	17427	17333	17406	17574	17287	16976	16878	16976	17287	17574	
G 45.0	1983	2063	2140	2221	2310	2340	2340	2340	2369	2459	2369	2340	2340	
G 50.0	785	785	826	916	916	916	916	916	916	916	916	916	916	
G 55.0	440	440	440	440	440	440	440	440	440	440	440	440	440	
G 60.0	337	337	337	337	337	337	337	337	337	337	337	337	337	
G 65.0	398	398	398	398	398	398	398	398	398	398	398	398	398	
G 70.0	492	492	492	492	492	492	492	492	492	492	492	492	492	
G 75.0	650	650	650	650	650	650	650	650	574	325	574	650	650	
G 80.0	969	969	969	969	969	969	969	599	537	969	537	599	969	
G 85.0	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measurement

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux		1094 lm		Luminaire Power		10.0 W		Efficacy		109.042 lm/W		Efficiency		83.74%	
Source Flux		1306 lm		Maximum value		1078.60 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	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505
G 5.0	279703	279345	279308	278768	278289	278210	278289	278768	279308	279345	279703	280265	279598		
G 10.0	210116	209945	209888	209133	208654	208464	208654	209133	209888	209945	210116	210344	209895		
G 15.0	134685	134151	134492	133763	133418	134115	133418	133763	134492	134151	134685	135828	135246		
G 20.0	92912	92783	93030	93065	93195	93567	93195	93065	93030	92783	92912	93299	93169		
G 25.0	69016	68843	69163	68474	68070	68049	68070	68474	69163	68843	69016	69658	69182		
G 30.0	58174	58112	58163	57905	57728	57807	57728	57905	58163	58112	58174	58293	57977		
G 35.0	46032	46380	46701	47138	47362	47454	47362	47138	46701	46380	46032	45708	45670		
G 40.0	17406	17333	17427	17225	17023	16988	17023	17225	17427	17333	17406	17574	17287		
G 45.0	2340	2310	2221	2140	2063	1983	2063	2140	2221	2310	2340	2340	2340		
G 50.0	916	916	916	826	785	785	785	826	916	916	916	916	916		
G 55.0	440	440	440	440	440	440	440	440	440	440	440	440	440		
G 60.0	337	337	337	337	337	337	337	337	337	337	337	337	337		
G 65.0	398	398	398	398	398	398	398	398	398	398	398	398	398		
G 70.0	492	492	492	492	492	492	492	492	492	492	492	492	492		
G 75.0	650	650	650	650	650	650	650	650	650	650	650	650	650		
G 80.0	969	969	969	969	969	969	969	969	969	969	969	969	969		
G 85.0	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931		
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 930 35° HO

Measurem.

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 930 35° HO

Luminaire Flux	1094 lm	Luminaire Power	10.0 W	Efficacy	109.042 lm/W	Efficiency	83.74%
Source Flux	1306 lm	Maximum value	1078.60 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	302505	302505	302505	302505	302505	302505	302505	302505	302505	302505
G 5.0	279217	279786	279217	279598	280265	279703	279345	279308	278768	278289
G 10.0	209593	209803	209593	209895	210344	210116	209945	209888	209133	208654
G 15.0	134782	134782	134782	135246	135828	134685	134151	134492	133763	133418
G 20.0	92851	92612	92851	93169	93299	92912	92783	93030	93065	93195
G 25.0	68530	68297	68530	69182	69658	69016	68843	69163	68474	68070
G 30.0	57807	57807	57807	57977	58293	58174	58112	58163	57905	57728
G 35.0	45849	46118	45849	45670	45708	46032	46380	46701	47138	47362
G 40.0	16976	16878	16976	17287	17574	17406	17333	17427	17225	17023
G 45.0	2369	2459	2369	2340	2340	2340	2310	2221	2140	2063
G 50.0	916	916	916	916	916	916	916	916	826	785
G 55.0	440	440	440	440	440	440	440	440	440	440
G 60.0	337	337	337	337	337	337	337	337	337	337
G 65.0	398	398	398	398	398	398	398	398	398	398
G 70.0	492	492	492	492	492	492	492	492	492	492
G 75.0	574	325	574	650	650	650	650	650	650	650
G 80.0	537	969	537	599	969	969	969	969	969	969
G 85.0	1931	1931	1931	1931	1931	1931	1931	1931	1931	1931
G 90.0	0	0	0	0	0	0	0	0	0	0