

Luminaire

Code 90293L107
Name HOLI SQ MINI Q100 LIGHT+ 830

Measur.

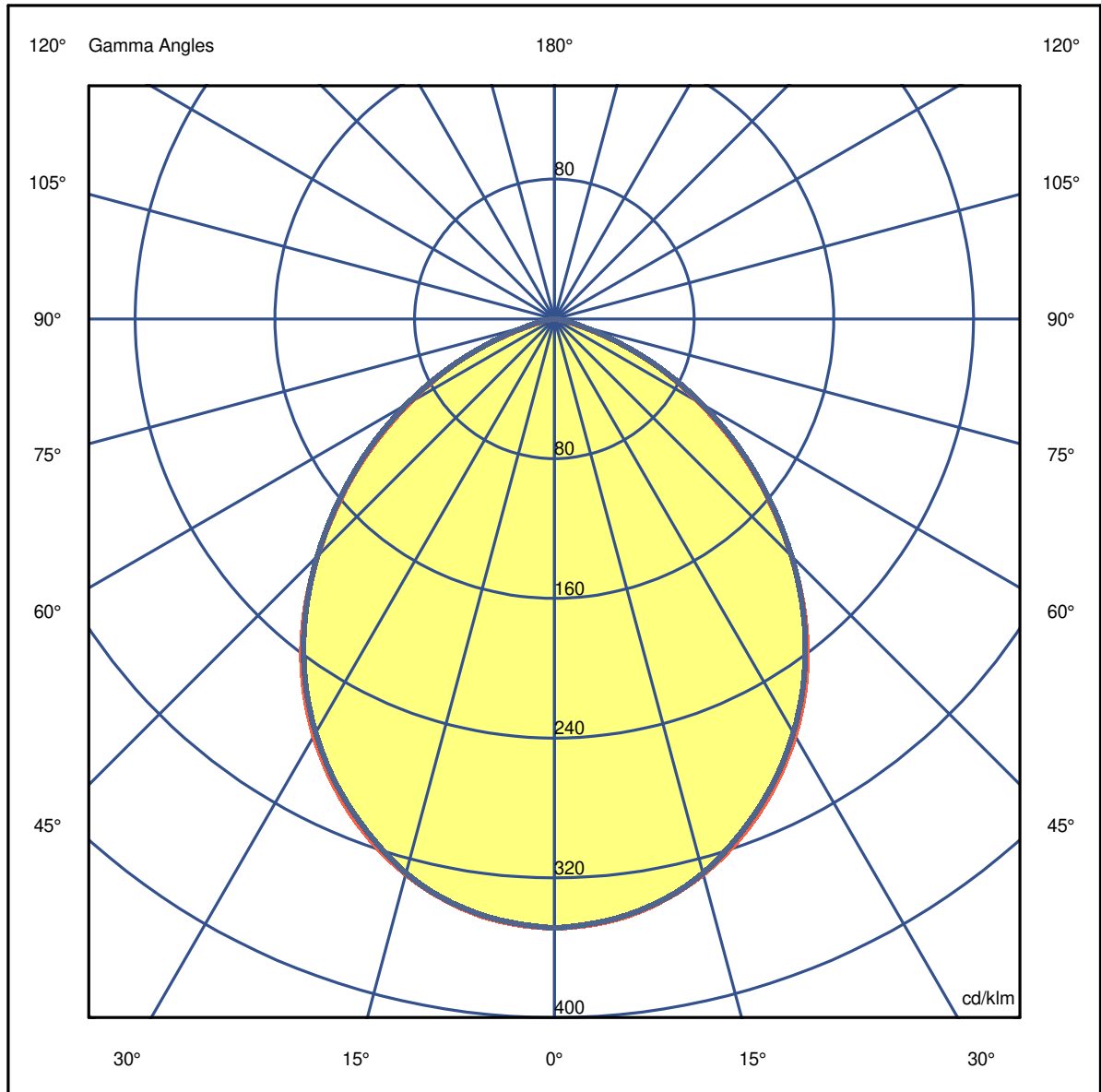
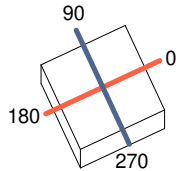
Code 23/2/2023
Name HOLI SQ MINI Q100 LIGHT+ 830

Luminaire Flux	808 lm	Luminaire Power	6.6 W	Efficacy	122.442 lm/W	Efficiency	78.08%
Source Flux	1035 lm	Maximum value	348.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

100mm x 100mm

C Halfplanes

180.0  0.0
270.0  90.0



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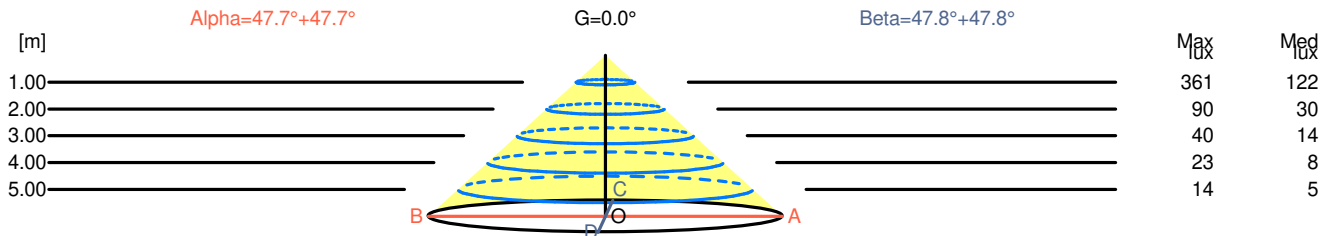
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Width at 50.00 % of Max Intensity

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	1.10	2.20	3.30	4.40	5.50	OC	1.10	2.21	3.31	4.42	5.52
OB	1.10	2.20	3.30	4.40	5.50	OD	1.10	2.21	3.31	4.42	5.52

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	360.80	358.42	340.51	306.88	259.89	198.51	132.38	68.83	14.70	2.48
OB	360.80	358.42	340.51	306.88	259.89	198.51	132.38	68.83	14.70	2.48
OC	360.80	357.80	339.89	304.91	258.03	198.82	134.14	69.34	17.39	2.90
OD	360.80	357.80	339.89	304.91	258.03	198.82	134.14	69.34	17.39	2.90



H[m]	D[m]	Max lux	Med lux	Alpha=47.7°+47.7°	G=0.0	
1.00	2.20	361	122			
2.00	4.40	90	30			
3.00	6.60	40	14			
4.00	8.80	23	8			
5.00	11.00	14	5			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.21	361	122			
2.00	4.42	90	30			
3.00	6.63	40	14			
4.00	8.84	23	8			
5.00	11.04	14	5			

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Source Flux	1035 lm	Maximum value	348.60 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	22.0	23.1	22.2	23.4	23.6	22.0	23.2	22.3	23.4	23.7
x=2H y=3H	22.4	23.5	22.7	23.7	24.0	22.5	23.5	22.8	23.8	24.1
x=2H y=4H	22.4	23.4	22.7	23.7	24.0	22.5	23.5	22.8	23.8	24.1
x=2H y=6H	22.3	23.3	22.7	23.5	23.9	22.4	23.4	22.8	23.7	24.0
x=2H y=8H	22.3	23.2	22.7	23.5	23.8	22.4	23.3	22.8	23.6	23.9
x=2H y=12H	22.3	23.1	22.6	23.4	23.8	22.4	23.2	22.7	23.5	23.9
x=4H y=2H	22.3	23.3	22.6	23.5	23.8	22.3	23.3	22.7	23.6	23.9
x=4H y=3H	22.8	23.6	23.1	23.9	24.3	22.8	23.7	23.2	24.0	24.3
x=4H y=4H	22.8	23.5	23.2	23.9	24.2	22.9	23.6	23.3	24.0	24.3
x=4H y=6H	22.7	23.4	23.1	23.7	24.1	22.9	23.5	23.3	23.9	24.3
x=4H y=8H	22.7	23.3	23.1	23.7	24.1	22.8	23.4	23.3	23.8	24.2
x=4H y=12H	22.7	23.2	23.1	23.6	24.0	22.8	23.3	23.3	23.7	24.2
x=8H y=4H	22.7	23.3	23.2	23.7	24.1	22.9	23.4	23.3	23.8	24.2
x=8H y=6H	22.7	23.2	23.1	23.6	24.0	22.8	23.3	23.3	23.7	24.2
x=8H y=8H	22.7	23.1	23.1	23.5	24.0	22.8	23.2	23.3	23.7	24.1
x=8H y=12H	22.6	23.0	23.1	23.4	24.0	22.8	23.1	23.3	23.6	24.1
x=12H y=4H	22.7	23.2	23.2	23.6	24.1	22.8	23.4	23.3	23.8	24.2
x=12H y=6H	22.7	23.1	23.1	23.5	24.0	22.8	23.2	23.3	23.7	24.1
x=12H y=8H	22.6	23.0	23.1	23.4	24.0	22.8	23.1	23.3	23.6	24.1

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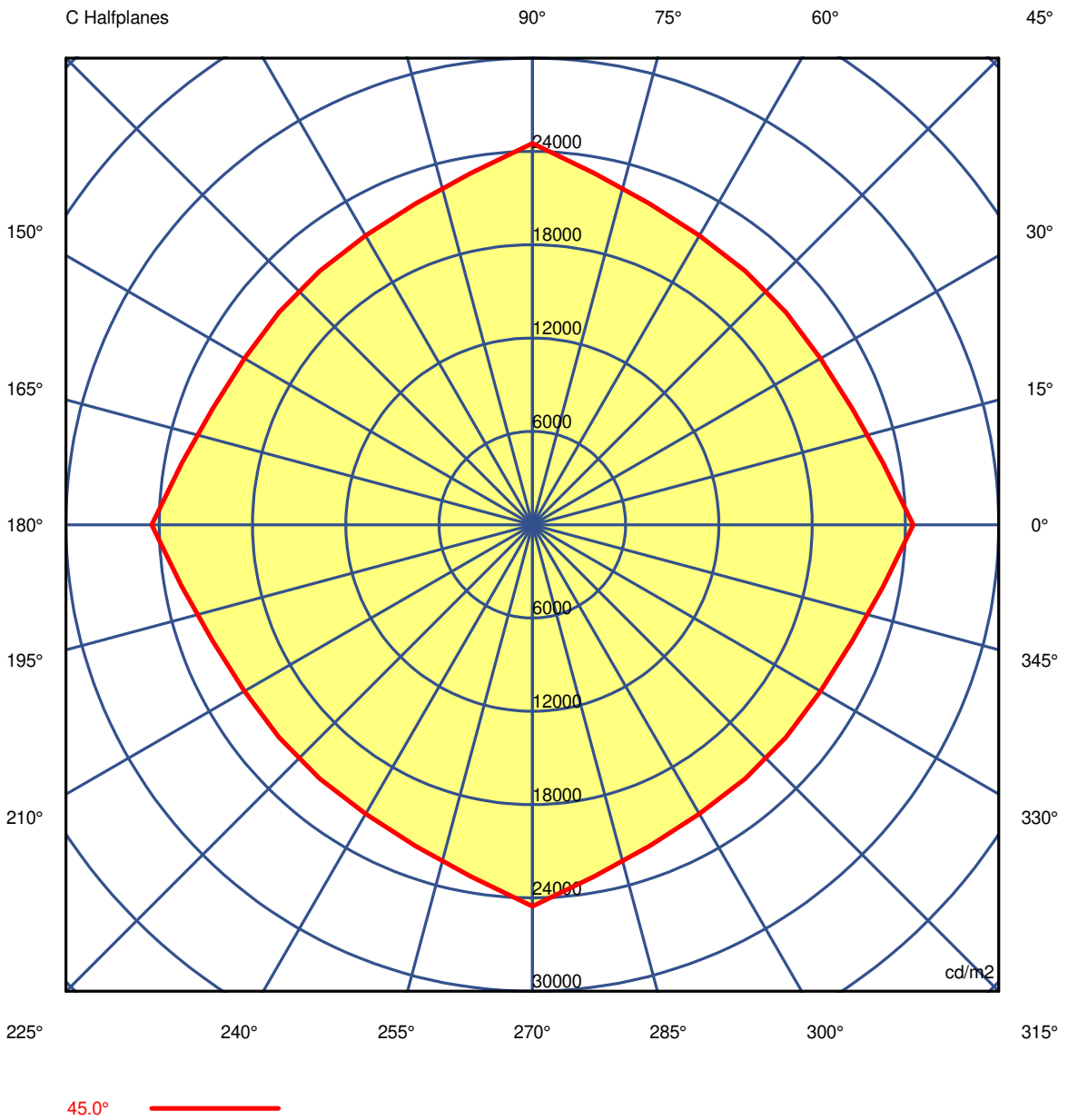
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Source Flux	1035 lm	Maximum value	348.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Measurement

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Luminaire Flux	808 lm	Luminaire Power	6.6 W	Efficacy	122.442 lm/W	Efficiency	78.08%
Source Flux	1035 lm	Maximum value	348.60 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	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303
G 5.0	54889	54246	53805	53529	53273	53227	53452	53829	54278	54794	54278	53829	53452
G 10.0	50763	49723	48932	48374	48051	48048	48374	48949	49719	50688	49719	48949	48374
G 15.0	46841	45471	44456	43757	43353	43338	43717	44406	45408	46755	45408	44406	43717
G 20.0	43055	41455	40291	39531	39093	39068	39481	40267	41372	42822	41372	40267	39481
G 25.0	39401	37643	36398	35596	35114	35077	35500	36276	37466	39149	37466	36276	35500
G 30.0	35796	33999	32734	31901	31423	31392	31797	32593	33821	35562	33821	32593	31797
G 35.0	32201	30389	29140	28337	27884	27850	28247	29016	30224	31971	30224	29016	28247
G 40.0	28411	26687	25570	24920	24570	24528	24832	25511	26630	28284	26630	25511	24832
G 45.0	24485	22892	21892	21396	21272	21302	21472	21978	22962	24523	22962	21978	21472
G 50.0	20588	19149	18305	17939	17874	17953	18135	18509	19312	20704	19312	18509	18135
G 55.0	16760	15470	14760	14581	14498	14604	14863	15122	15744	16983	15744	15122	14863
G 60.0	12912	11937	11428	11231	11146	11233	11440	11642	12137	13141	12137	11642	11440
G 65.0	9240	8507	8119	7958	7885	7936	8081	8242	8601	9309	8601	8242	8081
G 70.0	5452	4954	4736	4778	4795	4810	4859	4942	5126	5481	5126	4942	4859
G 75.0	2170	1850	1645	1634	1898	2136	2219	2259	2355	2567	2355	2259	2219
G 80.0	977	819	734	699	691	764	886	951	1002	1091	1002	951	886
G 85.0	422	330	255	198	180	218	303	399	463	492	463	399	303
G 90.0	173	162	150	141	137	137	141	140	149	173	149	140	141

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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	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303
G 5.0	53227	53273	53529	53805	54246	54889	54246	53805	53529	53273	53227	53452	53829
G 10.0	48048	48051	48374	48932	49723	50763	49723	48932	48374	48051	48048	48374	48949
G 15.0	43338	43353	43757	44456	45471	46841	45471	44456	43757	43353	43338	43717	44406
G 20.0	39068	39093	39531	40291	41455	43055	41455	40291	39531	39093	39068	39481	40267
G 25.0	35077	35114	35596	36398	37643	39401	37643	36398	35596	35114	35077	35500	36276
G 30.0	31392	31423	31901	32734	33999	35796	33999	32734	31901	31423	31392	31797	32593
G 35.0	27850	27884	28337	29140	30389	32201	30389	29140	28337	27884	27850	28247	29016
G 40.0	24528	24570	24920	25570	26687	28411	26687	25570	24920	24570	24528	24832	25511
G 45.0	21302	21272	21396	21892	22892	24485	22892	21892	21396	21272	21302	21472	21978
G 50.0	17953	17874	17939	18305	19149	20588	19149	18305	17939	17874	17953	18135	18509
G 55.0	14604	14498	14581	14760	15470	16760	15470	14760	14581	14498	14604	14863	15122
G 60.0	11233	11146	11231	11428	11937	12912	11937	11428	11231	11146	11233	11440	11642
G 65.0	7936	7885	7958	8119	8507	9240	8507	8119	7958	7885	7936	8081	8242
G 70.0	4810	4795	4778	4736	4954	5452	4954	4736	4778	4795	4810	4859	4942
G 75.0	2136	1898	1634	1645	1850	2170	1850	1645	1898	2136	2219	2259	2259
G 80.0	764	691	699	734	819	977	819	734	699	691	764	886	951
G 85.0	218	180	198	255	330	422	330	255	198	180	218	303	399
G 90.0	137	137	141	150	162	173	162	150	141	137	137	141	140

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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	59303	59303	59303	59303	59303	59303	59303	59303	59303	59303
G 5.0	54278	54794	54278	53829	53452	53227	53273	53529	53805	54246
G 10.0	49719	50688	49719	48949	48374	48048	48051	48374	48932	49723
G 15.0	45408	46755	45408	44406	43717	43338	43353	43757	44456	45471
G 20.0	41372	42822	41372	40267	39481	39068	39093	39531	40291	41455
G 25.0	37466	39149	37466	36276	35500	35077	35114	35596	36398	37643
G 30.0	33821	35562	33821	32593	31797	31392	31423	31901	32734	33999
G 35.0	30224	31971	30224	29016	28247	27850	27884	28337	29140	30389
G 40.0	26630	28284	26630	25511	24832	24528	24570	24920	25570	26687
G 45.0	22962	24523	22962	21978	21472	21302	21272	21396	21892	22892
G 50.0	19312	20704	19312	18509	18135	17953	17874	17939	18305	19149
G 55.0	15744	16983	15744	15122	14863	14604	14498	14581	14760	15470
G 60.0	12137	13141	12137	11642	11440	11233	11146	11231	11428	11937
G 65.0	8601	9309	8601	8242	8081	7936	7885	7958	8119	8507
G 70.0	5126	5481	5126	4942	4859	4810	4795	4778	4736	4954
G 75.0	2355	2567	2355	2259	2219	2136	1898	1634	1645	1850
G 80.0	1002	1091	1002	951	886	764	691	699	734	819
G 85.0	463	492	463	399	303	218	180	198	255	330
G 90.0	149	173	149	140	141	137	137	141	150	162