

Luminaire

Code 90267L107

Name HOLI SQ /T MINI Q95 LIGHT+ 830

Measurem.

Code 23/2/2023

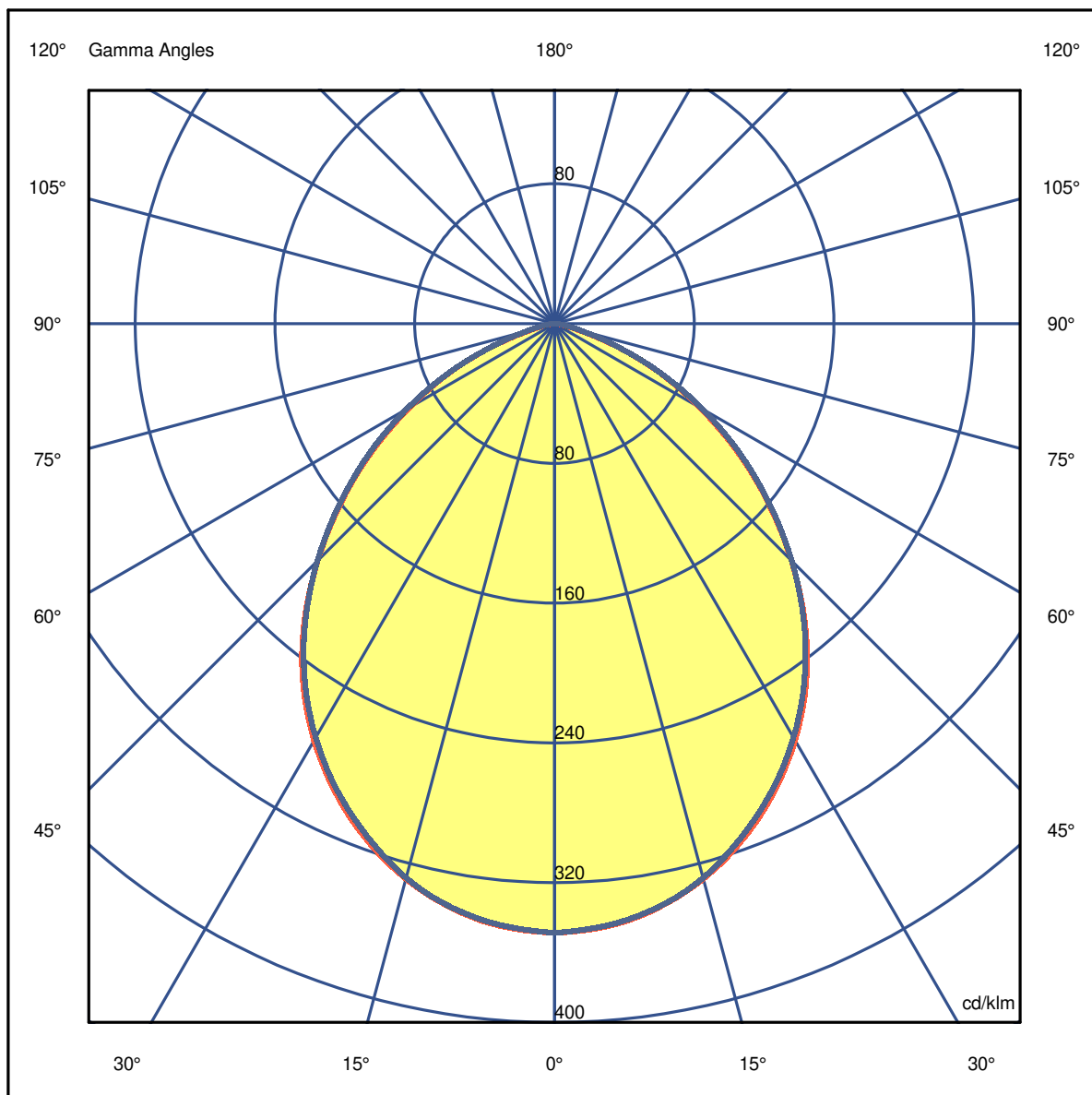
Name HOLI SQ /T MINI Q95 LIGHT+ 830

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

153mm x 153mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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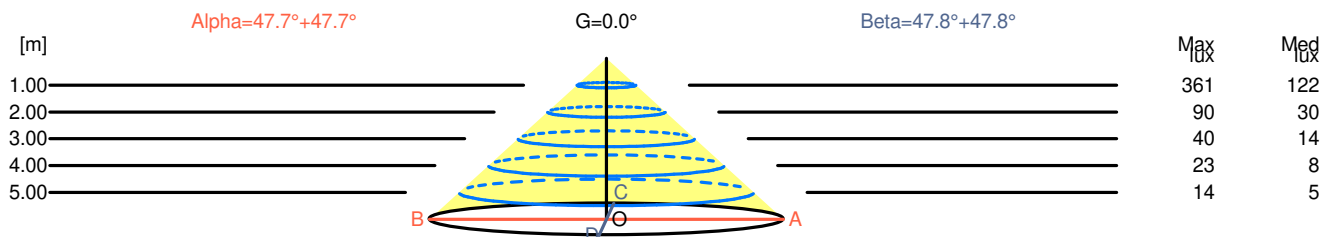
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Source Flux	1035 lm	Maximum value	348.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	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	20.9	22.1	21.2	22.3	22.5	21.0	22.2	21.3	22.4	22.6
x=2H y=3H	21.4	22.4	21.7	22.7	22.9	21.5	22.5	21.8	22.8	23.0
x=2H y=4H	21.4	22.4	21.7	22.6	22.9	21.5	22.5	21.8	22.7	23.0
x=2H y=6H	21.3	22.2	21.7	22.5	22.8	21.4	22.4	21.8	22.6	22.9
x=2H y=8H	21.3	22.2	21.6	22.5	22.8	21.4	22.3	21.8	22.6	22.9
x=2H y=12H	21.2	22.1	21.6	22.4	22.7	21.4	22.2	21.7	22.5	22.8
x=4H y=2H	21.2	22.2	21.6	22.5	22.8	21.3	22.3	21.6	22.6	22.9
x=4H y=3H	21.7	22.6	22.1	22.9	23.2	21.8	22.7	22.2	23.0	23.3
x=4H y=4H	21.8	22.5	22.2	22.8	23.2	21.9	22.6	22.3	23.0	23.3
x=4H y=6H	21.7	22.4	22.1	22.7	23.1	21.8	22.5	22.3	22.9	23.3
x=4H y=8H	21.7	22.3	22.1	22.7	23.1	21.8	22.4	22.3	22.8	23.2
x=4H y=12H	21.7	22.2	22.1	22.6	23.0	21.8	22.3	22.2	22.7	23.2
x=8H y=4H	21.7	22.3	22.2	22.7	23.1	21.8	22.4	22.3	22.8	23.2
x=8H y=6H	21.7	22.2	22.1	22.6	23.0	21.8	22.3	22.3	22.7	23.2
x=8H y=8H	21.7	22.1	22.1	22.5	23.0	21.8	22.2	22.3	22.7	23.1
x=8H y=12H	21.6	22.0	22.1	22.4	22.9	21.8	22.1	22.3	22.6	23.1
x=12H y=4H	21.7	22.2	22.1	22.6	23.1	21.8	22.3	22.3	22.7	23.2
x=12H y=6H	21.7	22.1	22.1	22.5	23.0	21.8	22.2	22.3	22.6	23.1
x=12H y=8H	21.6	22.0	22.1	22.4	22.9	21.8	22.1	22.2	22.6	23.1

Luminaire

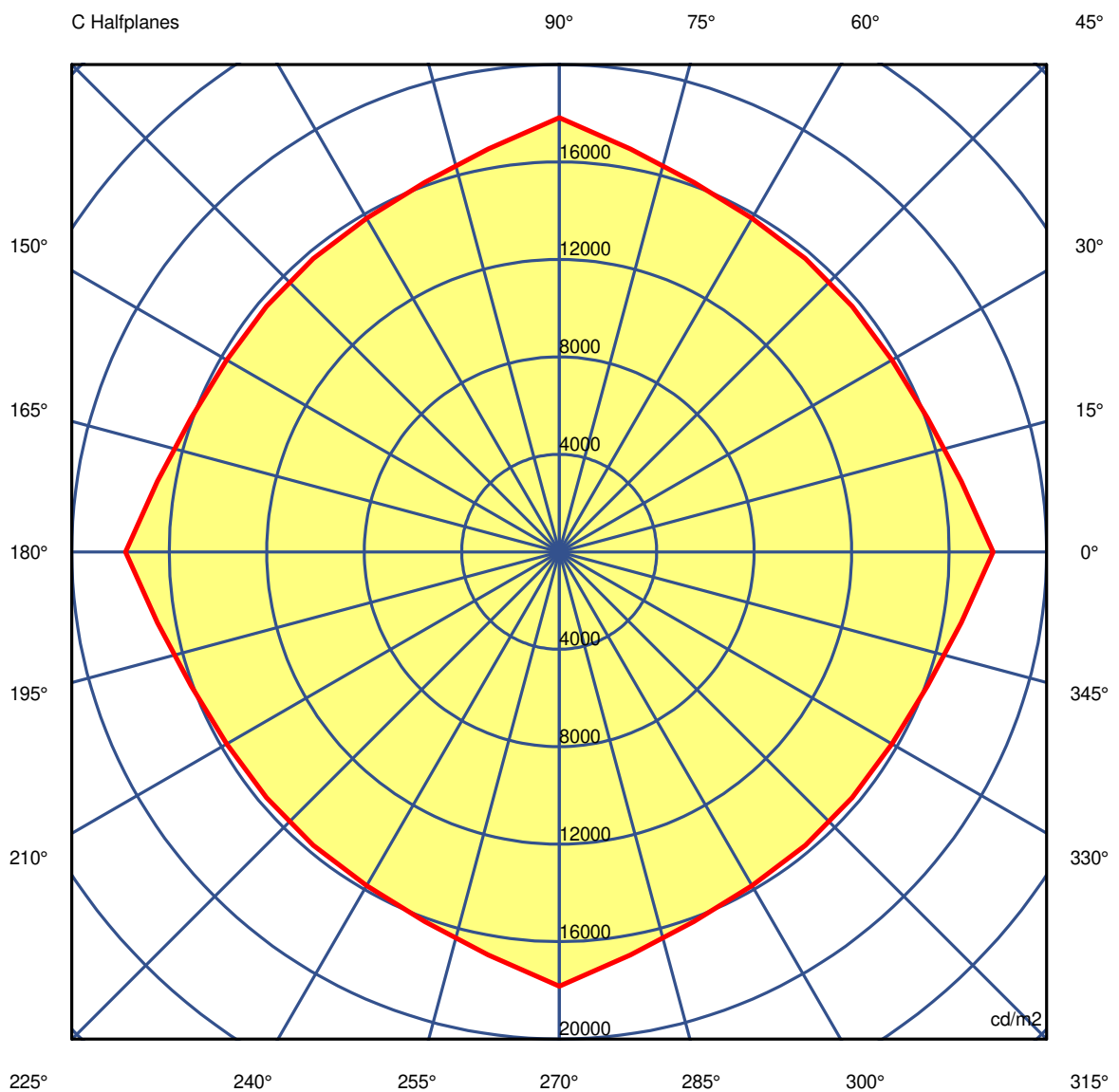
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Measurem.

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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



45.0°

Luminaire

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Measur.

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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	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	
G 5.0	37419	37042	36787	36629	36469	36437	36576	36803	37063	37354	37063	36803	36576	
G 10.0	34952	34335	33862	33523	33324	33322	33523	33873	34332	34901	34332	33873	33523	
G 15.0	32544	31713	31093	30662	30407	30396	30634	31058	31669	32485	31669	31058	30634	
G 20.0	30164	29176	28451	27975	27695	27677	27939	28434	29117	30001	29117	28434	27939	
G 25.0	27822	26716	25928	25418	25103	25077	25349	25841	26591	27644	26591	25841	25349	
G 30.0	25467	24323	23510	22970	22654	22632	22895	23409	24195	25301	24195	23409	22895	
G 35.0	23077	21906	21092	20565	20262	20238	20500	21002	21787	22912	21787	21002	20500	
G 40.0	20508	19380	18648	18223	17990	17960	18158	18605	19339	20416	19339	18605	18158	
G 45.0	17802	16747	16084	15762	15690	15713	15818	16147	16798	17830	16798	16147	15818	
G 50.0	15079	14113	13548	13312	13280	13340	13457	13699	14233	15164	14233	13699	13457	
G 55.0	12370	11488	11006	10900	10851	10931	11111	11276	11691	12534	11691	11276	11111	
G 60.0	9606	8934	8587	8459	8405	8470	8617	8748	9083	9776	9083	8748	8617	
G 65.0	6933	6419	6149	6041	5992	6031	6134	6243	6491	6985	6491	6243	6134	
G 70.0	4129	3771	3618	3657	3673	3685	3719	3775	3902	4151	3902	3775	3719	
G 75.0	1660	1422	1268	1262	1467	1651	1713	1741	1810	1965	1810	1741	1713	
G 80.0	756	636	572	545	539	596	691	741	779	845	779	741	691	
G 85.0	331	260	201	156	142	172	239	314	364	386	364	314	239	
G 90.0	138	129	120	112	109	109	112	111	119	138	119	111	112	

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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 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	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978
G 5.0	36437	36469	36629	36787	37042	37419	37042	36787	36629	36469	36437	36576	36803	36803	36803	36803	36803	36803	36803	36803	36803	36803	36803	36803	36803
G 10.0	33322	33324	33523	33862	34335	34952	34335	33862	33523	33324	33322	33523	33873	33873	33873	33873	33873	33873	33873	33873	33873	33873	33873	33873	33873
G 15.0	30396	30407	30662	31093	31713	32544	31713	31093	30662	30407	30396	30634	31058	31058	31058	31058	31058	31058	31058	31058	31058	31058	31058	31058	31058
G 20.0	27677	27695	27975	28451	29176	30164	29176	28451	27975	27695	27677	27939	28434	28434	28434	28434	28434	28434	28434	28434	28434	28434	28434	28434	28434
G 25.0	25077	25103	25418	25928	26716	27822	26716	25928	25418	25103	25077	25349	25841	25841	25841	25841	25841	25841	25841	25841	25841	25841	25841	25841	25841
G 30.0	22632	22654	22970	23510	24323	25467	24323	23510	22970	22654	22632	22895	23409	23409	23409	23409	23409	23409	23409	23409	23409	23409	23409	23409	23409
G 35.0	20238	20262	20565	21092	21906	23077	21906	21092	20565	20262	20238	20500	21002	21002	21002	21002	21002	21002	21002	21002	21002	21002	21002	21002	21002
G 40.0	17960	17990	18223	18648	19380	20508	19380	18648	18223	17990	17960	18158	18605	18605	18605	18605	18605	18605	18605	18605	18605	18605	18605	18605	18605
G 45.0	15713	15690	15762	16084	16747	17802	16747	16084	15762	15690	15713	15818	16147	16147	16147	16147	16147	16147	16147	16147	16147	16147	16147	16147	16147
G 50.0	13340	13280	13312	13548	14113	15079	14113	13548	13312	13280	13340	13457	13699	13699	13699	13699	13699	13699	13699	13699	13699	13699	13699	13699	13699
G 55.0	10931	10851	10900	11006	11488	12370	11488	11006	10900	10851	10931	11111	11276	11276	11276	11276	11276	11276	11276	11276	11276	11276	11276	11276	11276
G 60.0	8470	8405	8459	8587	8934	9606	8934	8587	8459	8405	8470	8617	8748	8748	8748	8748	8748	8748	8748	8748	8748	8748	8748	8748	8748
G 65.0	6031	5992	6041	6149	6419	6933	6419	6149	6041	5992	6031	6134	6243	6243	6243	6243	6243	6243	6243	6243	6243	6243	6243	6243	6243
G 70.0	3685	3673	3657	3618	3771	4129	3771	3618	3657	3673	3685	3719	3775	3775	3775	3775	3775	3775	3775	3775	3775	3775	3775	3775	3775
G 75.0	1651	1467	1262	1268	1422	1660	1422	1268	1262	1467	1651	1713	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741
G 80.0	596	539	545	572	636	756	636	572	545	539	596	691	741	741	741	741	741	741	741	741	741	741	741	741	741
G 85.0	172	142	156	201	260	331	260	201	156	142	172	239	314	314	314	314	314	314	314	314	314	314	314	314	314
G 90.0	109	109	112	120	129	138	129	120	112	109	109	112	111	111	111	111	111	111	111	111	111	111	111	111	111

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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 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	39978	39978	39978	39978	39978	39978	39978	39978	39978	39978
G 5.0	37063	37354	37063	36803	36576	36437	36469	36629	36787	37042
G 10.0	34332	34901	34332	33873	33523	33322	33324	33523	33862	34335
G 15.0	31669	32485	31669	31058	30634	30396	30407	30662	31093	31713
G 20.0	29117	30001	29117	28434	27939	27677	27695	27975	28451	29176
G 25.0	26591	27644	26591	25841	25349	25077	25103	25418	25928	26716
G 30.0	24195	25301	24195	23409	22895	22632	22654	22970	23510	24323
G 35.0	21787	22912	21787	21002	20500	20238	20262	20565	21092	21906
G 40.0	19339	20416	19339	18605	18158	17960	17990	18223	18648	19380
G 45.0	16798	17830	16798	16147	15818	15713	15690	15762	16084	16747
G 50.0	14233	15164	14233	13699	13457	13340	13280	13312	13548	14113
G 55.0	11691	12534	11691	11276	11111	10931	10851	10900	11006	11488
G 60.0	9083	9776	9083	8748	8617	8470	8405	8459	8587	8934
G 65.0	6491	6985	6491	6243	6134	6031	5992	6041	6149	6419
G 70.0	3902	4151	3902	3775	3719	3685	3673	3657	3618	3771
G 75.0	1810	1965	1810	1741	1713	1651	1467	1262	1268	1422
G 80.0	779	845	779	741	691	596	539	545	572	636
G 85.0	364	386	364	314	239	172	142	156	201	260
G 90.0	119	138	119	111	112	109	109	112	120	129