

**Luminaire**

Code 90223L106

Name HOLI SQ /T Q106 PRISM+ 840 LO

**Measurem.**

Code 17/2/2023

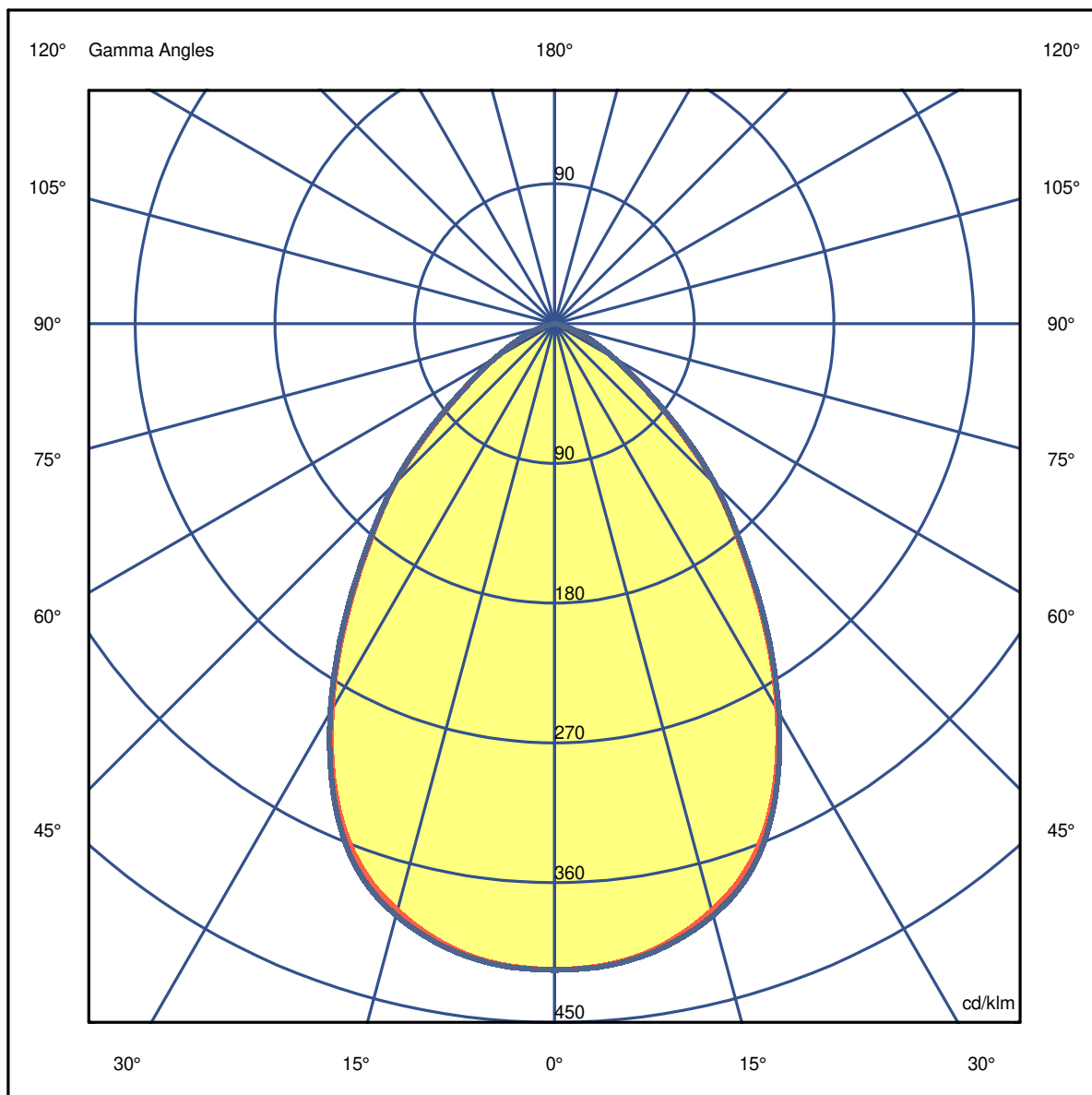
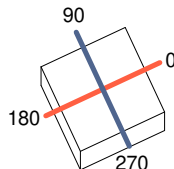
Name HOLI SQ /T Q106 PRISM+ 840 LO

Luminaire Flux	749 lm	Luminaire Power	6.6 W	Efficacy	113.416 lm/W	Efficiency	67.07%
Source Flux	1116 lm	Maximum value	416.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

180mm x 180mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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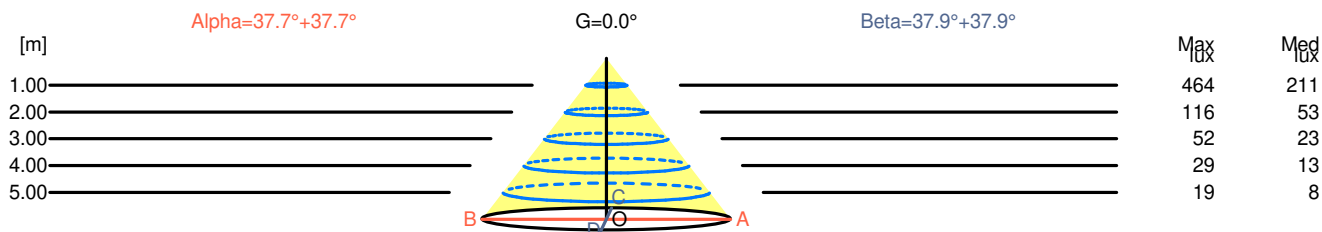
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Width at 50.00 % of Max Intensity

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	0.77	1.55	2.32	3.09	3.86	OC	0.78	1.56	2.33	3.11	3.89
OB	0.77	1.55	2.32	3.09	3.86	OD	0.78	1.56	2.33	3.11	3.89

	0	5	15	25	35	45	55	65	75	85
OA	464.37	462.02	436.58	372.52	262.82	162.49	75.55	30.13	6.70	1.12
OB	464.37	462.02	436.58	372.52	262.82	162.49	75.55	30.13	6.70	1.12
OC	464.37	462.69	440.26	375.53	264.94	163.38	74.88	31.69	8.15	1.23
OD	464.37	462.69	440.26	375.53	264.94	163.38	74.88	31.69	8.15	1.23



H[m]	D[m]	Max lux	Med lux	Alpha=37.7°+37.7°	G=0.0
1.00	1.55	464	211		
2.00	3.09	116	53		
3.00	4.64	52	23		
4.00	6.18	29	13		
5.00	7.73	19	8		

H[m]	D[m]	Max lux	Med lux	Beta=37.9°+37.9°	G=0.0
1.00	1.56	464	211		
2.00	3.11	116	53		
3.00	4.67	52	23		
4.00	6.23	29	13		
5.00	7.78	19	8		

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Source Flux	1116 lm	Maximum value	416.10 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	18.1	19.1	18.3	19.3	19.5	18.1	19.1	18.4	19.3	19.5
x=2H y=3H	18.2	19.1	18.5	19.3	19.6	18.2	19.1	18.5	19.4	19.6
x=2H y=4H	18.2	19.0	18.5	19.3	19.5	18.2	19.1	18.5	19.3	19.6
x=2H y=6H	18.1	18.9	18.4	19.2	19.5	18.2	18.9	18.5	19.2	19.5
x=2H y=8H	18.0	18.8	18.4	19.1	19.4	18.1	18.9	18.5	19.2	19.5
x=2H y=12H	18.0	18.7	18.4	19.1	19.4	18.1	18.8	18.5	19.1	19.4
x=4H y=2H	18.1	18.9	18.4	19.2	19.5	18.1	19.0	18.5	19.2	19.5
x=4H y=3H	18.3	19.0	18.7	19.3	19.6	18.3	19.0	18.7	19.4	19.7
x=4H y=4H	18.3	18.9	18.7	19.2	19.6	18.3	19.0	18.7	19.3	19.7
x=4H y=6H	18.2	18.7	18.6	19.1	19.5	18.3	18.8	18.7	19.2	19.6
x=4H y=8H	18.2	18.7	18.6	19.0	19.5	18.3	18.7	18.7	19.1	19.5
x=4H y=12H	18.1	18.6	18.6	19.0	19.4	18.2	18.7	18.7	19.1	19.5
x=8H y=4H	18.2	18.7	18.6	19.1	19.5	18.3	18.7	18.7	19.1	19.5
x=8H y=6H	18.1	18.5	18.6	19.0	19.4	18.2	18.6	18.7	19.0	19.5
x=8H y=8H	18.1	18.4	18.6	18.9	19.3	18.2	18.5	18.6	19.0	19.4
x=8H y=12H	18.1	18.3	18.5	18.8	19.3	18.1	18.4	18.6	18.9	19.4
x=12H y=4H	18.2	18.6	18.6	19.0	19.4	18.2	18.7	18.7	19.1	19.5
x=12H y=6H	18.1	18.4	18.6	18.9	19.3	18.2	18.5	18.6	18.9	19.4
x=12H y=8H	18.1	18.3	18.5	18.8	19.3	18.1	18.4	18.6	18.9	19.4

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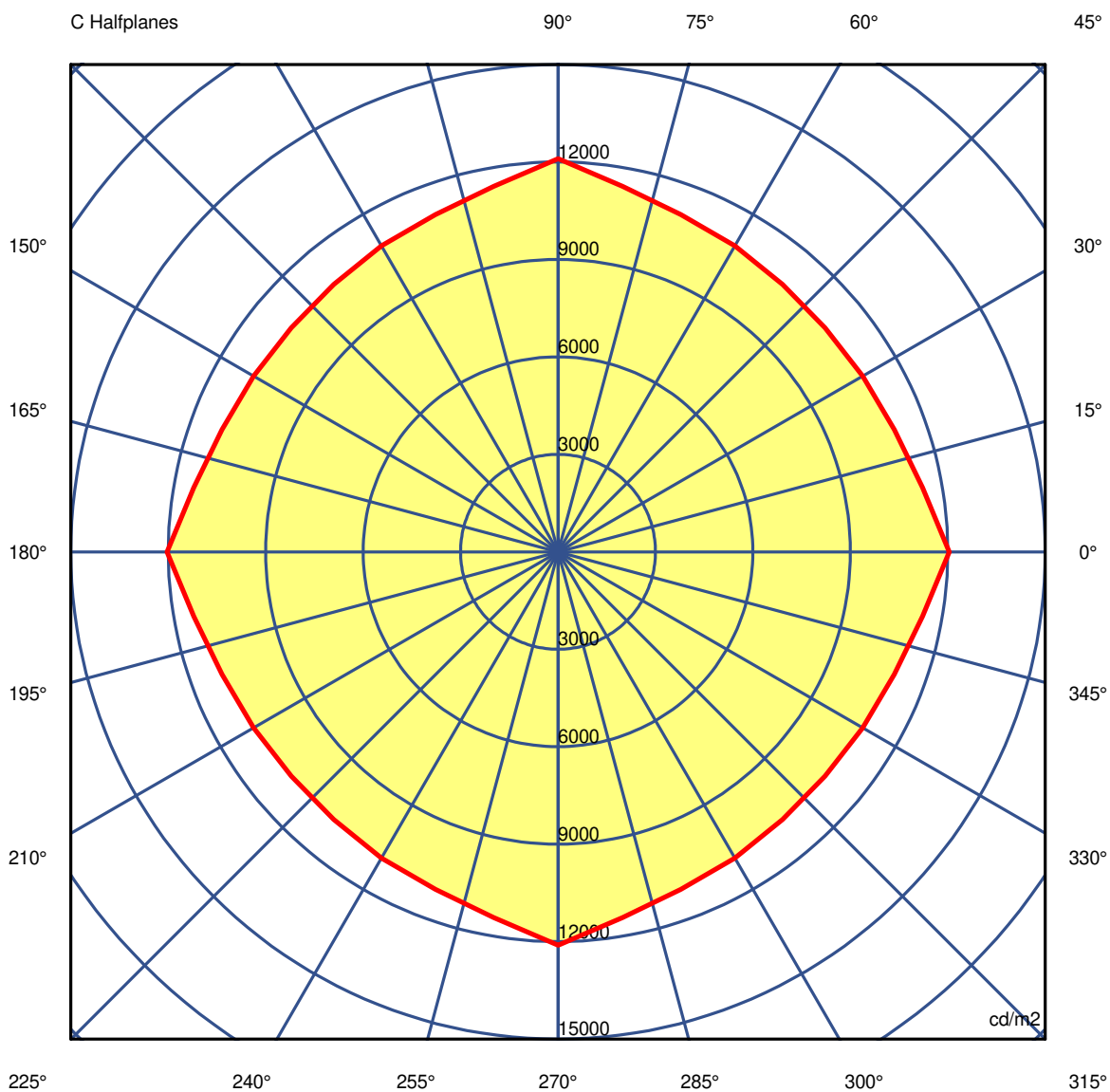
**Measurem.**

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Luminaire Flux	749 lm	Luminaire Power	6.6 W	Efficacy	113.416 lm/W	Efficiency	67.07%
Source Flux	1116 lm	Maximum value	416.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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Luminaire Flux		749 lm		Luminaire Power		6.6 W		Efficacy		113.416 lm/W		Efficiency		67.07%	
Source Flux		1116 lm		Maximum value		416.10 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	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329
G 5.0	38901	38541	38274	38098	37999	38002	38108	38290	38569	38957	38569	38290	38108	38901	38541
G 10.0	36459	35854	35399	35096	34939	34961	35165	35471	35938	36594	35938	35471	35165	36459	35854
G 15.0	33887	33089	32505	32129	31954	32003	32260	32685	33314	34173	33314	32685	32260	33887	33089
G 20.0	31126	30118	29398	28953	28754	28802	29102	29651	30427	31437	30427	29651	29102	31126	30118
G 25.0	27598	26548	25804	25337	25113	25165	25473	25972	26740	27821	26740	25972	25473	27598	26548
G 30.0	23444	22380	21657	21228	21016	21056	21332	21788	22527	23615	22527	21788	21332	23444	22380
G 35.0	19179	18206	17550	17180	17037	17071	17274	17683	18356	19334	18356	17683	17274	19179	18206
G 40.0	15232	14499	14002	13685	13508	13543	13771	14097	14607	15380	14607	14097	13771	15232	14499
G 45.0	12044	11392	11012	10828	10728	10755	10886	11052	11425	12110	11425	11052	10886	12044	11392
G 50.0	8519	8032	8020	8187	7991	7956	8079	8040	8185	8721	8185	8040	8079	8519	8032
G 55.0	5870	5836	5550	5103	4878	4999	5345	5638	5779	5818	5779	5638	5345	5870	5836
G 60.0	3920	3885	3655	3371	3344	3297	3274	3604	3894	3956	3894	3604	3274	3920	3885
G 65.0	2541	2444	2273	2130	2190	2172	2099	2284	2515	2673	2515	2284	2099	2541	2444
G 70.0	1562	1458	1393	1340	1284	1291	1372	1475	1574	1682	1574	1475	1372	1562	1458
G 75.0	639	613	623	640	624	639	690	715	735	777	735	715	690	639	613
G 80.0	254	233	217	205	206	209	214	240	264	277	264	240	214	254	233
G 85.0	127	111	102	96	93	94	105	128	142	140	142	128	105	127	111
G 90.0	71	61	56	52	50	50	52	63	74	85	74	63	52	71	61

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Luminaire Flux		749 lm		Luminaire Power		6.6 W		Efficacy		113.416 lm/W		Efficiency		67.07%											
Source Flux		1116 lm		Maximum value		416.10 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	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329
G 5.0	38002	37999	38098	38274	38541	38901	38541	38274	38098	37999	38002	38108	38290												
G 10.0	34961	34939	35096	35399	35854	36459	35854	35399	35096	34939	34961	35165	35471												
G 15.0	32003	31954	32129	32505	33089	33887	33089	32505	32129	31954	32003	32260	32685												
G 20.0	28802	28754	28953	29398	30118	31126	30118	29398	28953	28754	28802	29102	29651												
G 25.0	25165	25113	25337	25804	26548	27598	26548	25804	25337	25113	25165	25473	25972												
G 30.0	21056	21016	21228	21657	22380	23444	22380	21657	21228	21016	21056	21332	21788												
G 35.0	17071	17037	17180	17550	18206	19179	18206	17550	17180	17037	17071	17274	17683												
G 40.0	13543	13508	13685	14002	14499	15232	14499	14002	13685	13508	13543	13771	14097												
G 45.0	10755	10728	10828	11012	11392	12044	11392	11012	10828	10728	10755	10886	11052												
G 50.0	7956	7991	8187	8020	8032	8519	8032	8020	8187	7991	7956	8079	8040												
G 55.0	4999	4878	5103	5550	5836	5870	5836	5550	5103	4878	4999	5345	5638												
G 60.0	3297	3344	3371	3655	3885	3920	3885	3655	3371	3344	3297	3274	3604												
G 65.0	2172	2190	2130	2273	2444	2541	2444	2273	2130	2190	2172	2099	2284												
G 70.0	1291	1284	1340	1393	1458	1562	1458	1393	1340	1284	1291	1372	1475												
G 75.0	639	624	640	623	613	639	613	623	640	624	639	690	715												
G 80.0	209	206	205	217	233	254	233	217	205	206	209	214	240												
G 85.0	94	93	96	102	111	127	111	102	96	93	94	105	128												
G 90.0	50	50	52	56	61	71	61	56	52	50	50	52	63												

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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	41329	41329	41329	41329	41329	41329	41329	41329	41329	41329
G 5.0	38569	38957	38569	38290	38108	38002	37999	38098	38274	38541
G 10.0	35938	36594	35938	35471	35165	34961	34939	35096	35399	35854
G 15.0	33314	34173	33314	32685	32260	32003	31954	32129	32505	33089
G 20.0	30427	31437	30427	29651	29102	28802	28754	28953	29398	30118
G 25.0	26740	27821	26740	25972	25473	25165	25113	25337	25804	26548
G 30.0	22527	23615	22527	21788	21332	21056	21016	21228	21657	22380
G 35.0	18356	19334	18356	17683	17274	17071	17037	17180	17550	18206
G 40.0	14607	15380	14607	14097	13771	13543	13508	13685	14002	14499
G 45.0	11425	12110	11425	11052	10886	10755	10728	10828	11012	11392
G 50.0	8185	8721	8185	8040	8079	7956	7991	8187	8020	8032
G 55.0	5779	5818	5779	5638	5345	4999	4878	5103	5550	5836
G 60.0	3894	3956	3894	3604	3274	3297	3344	3371	3655	3885
G 65.0	2515	2673	2515	2284	2099	2172	2190	2130	2273	2444
G 70.0	1574	1682	1574	1475	1372	1291	1284	1340	1393	1458
G 75.0	735	777	735	715	690	639	624	640	623	613
G 80.0	264	277	264	240	214	209	206	205	217	233
G 85.0	142	140	142	128	105	94	93	96	102	111
G 90.0	74	85	74	63	52	50	50	52	56	61