

Luminaire

Code 90223L106

Name HOLI SQ /T Q106 PRISM+ 830 LO

Measurem.

Code 23/2/2023

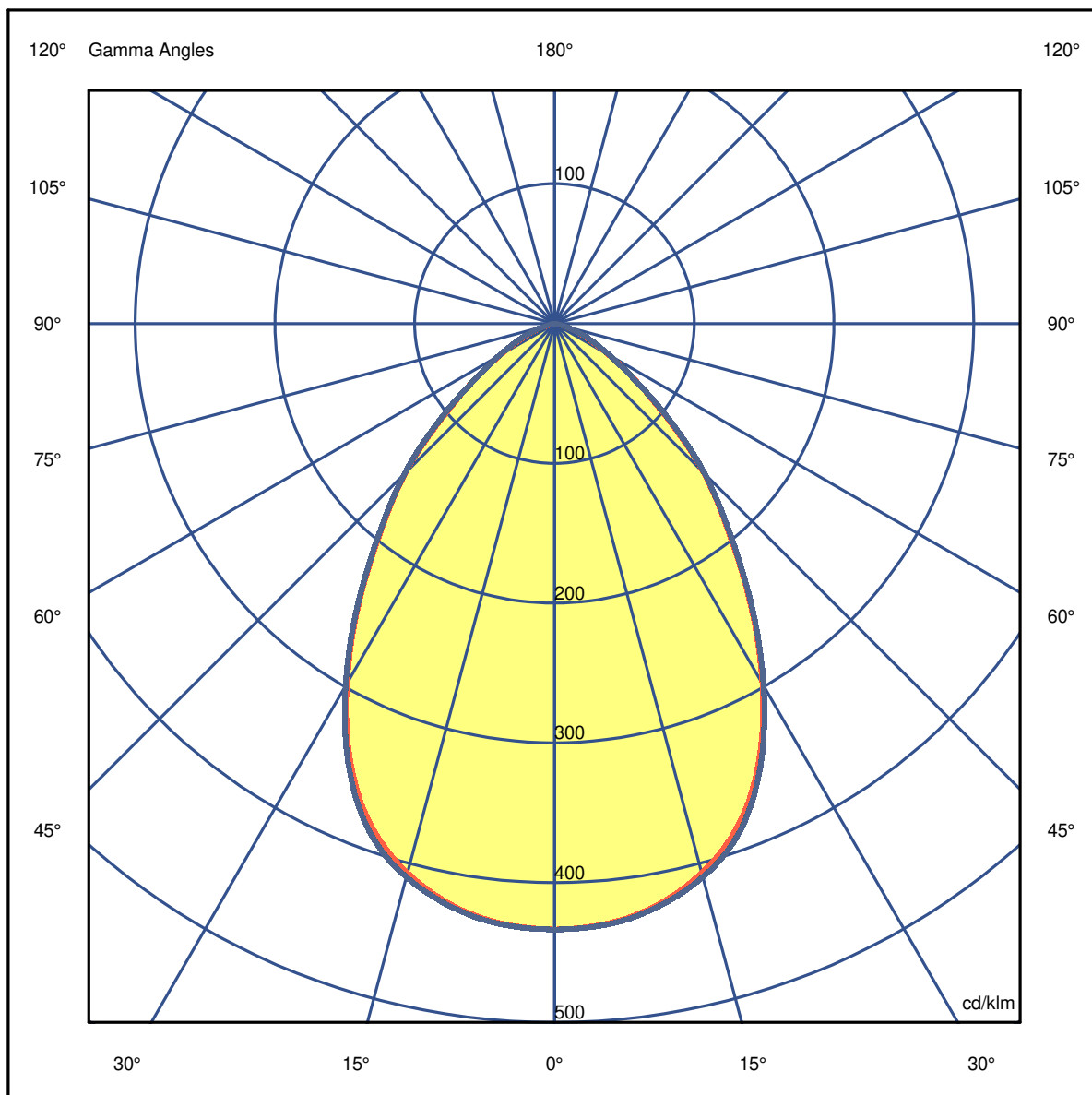
Name HOLI SQ /T Q106 PRISM+ 830 LO

Luminaire Flux	721 lm	Luminaire Power	6.6 W	Efficacy	109.217 lm/W	Efficiency	69.65%
Source Flux	1035 lm	Maximum value	433.50 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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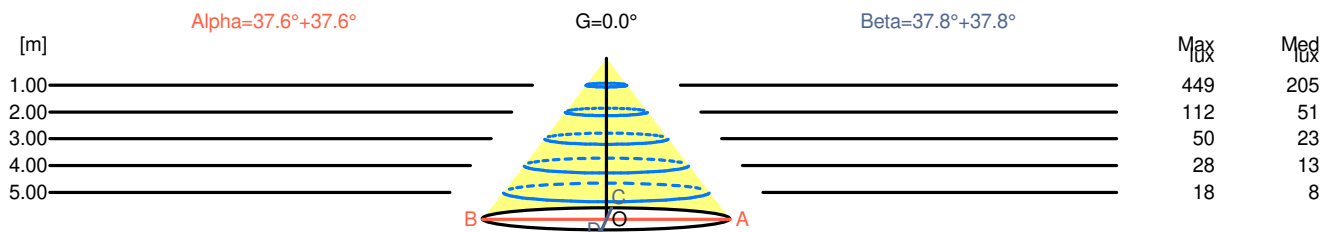
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Width at 50.00 % of Max Intensity

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	1.54	2.31	3.08	3.85	OC	0.77	1.55	2.32	3.10	3.87
OB	0.77	1.54	2.31	3.08	3.85	OD	0.77	1.55	2.32	3.10	3.87

	0	5	15	25	35	45	55	65	75	85
OA	448.67	445.98	421.14	357.90	252.75	156.39	72.86	28.88	6.42	1.14
OB	448.67	445.98	421.14	357.90	252.75	156.39	72.86	28.88	6.42	1.14
OC	448.67	446.60	424.25	361.01	254.20	157.32	72.45	30.64	7.66	1.24
OD	448.67	446.60	424.25	361.01	254.20	157.32	72.45	30.64	7.66	1.24



H[m]	D[m]	Max lux	Med lux	Alpha=37.6°+37.6°	G=0.0
1.00	1.54	449	205		
2.00	3.08	112	51		
3.00	4.62	50	23		
4.00	6.16	28	13		
5.00	7.70	18	8		

H[m]	D[m]	Max lux	Med lux	Beta=37.8°+37.8°	G=0.0
1.00	1.55	449	205		
2.00	3.10	112	51		
3.00	4.65	50	23		
4.00	6.20	28	13		
5.00	7.74	18	8		

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Source Flux	1035 lm	Maximum value	433.50 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	17.9	18.9	18.2	19.2	19.4	18.0	19.0	18.2	19.2	19.4
x=2H y=3H	18.1	19.0	18.4	19.2	19.5	18.1	19.0	18.4	19.3	19.5
x=2H y=4H	18.0	18.9	18.3	19.1	19.4	18.1	18.9	18.4	19.2	19.5
x=2H y=6H	18.0	18.7	18.3	19.0	19.3	18.0	18.8	18.4	19.1	19.4
x=2H y=8H	17.9	18.7	18.3	19.0	19.3	18.0	18.7	18.3	19.0	19.3
x=2H y=12H	17.9	18.6	18.3	18.9	19.3	18.0	18.7	18.3	19.0	19.3
x=4H y=2H	18.0	18.8	18.3	19.1	19.4	18.0	18.8	18.3	19.1	19.4
x=4H y=3H	18.2	18.9	18.5	19.2	19.5	18.2	18.9	18.6	19.2	19.6
x=4H y=4H	18.1	18.7	18.5	19.1	19.4	18.2	18.8	18.6	19.2	19.5
x=4H y=6H	18.1	18.6	18.5	19.0	19.4	18.2	18.7	18.6	19.0	19.4
x=4H y=8H	18.0	18.5	18.5	18.9	19.3	18.1	18.6	18.5	19.0	19.4
x=4H y=12H	18.0	18.4	18.5	18.8	19.3	18.1	18.5	18.5	18.9	19.4
x=8H y=4H	18.1	18.5	18.5	18.9	19.3	18.1	18.6	18.6	19.0	19.4
x=8H y=6H	18.0	18.4	18.5	18.8	19.3	18.1	18.5	18.5	18.9	19.3
x=8H y=8H	18.0	18.3	18.4	18.8	19.2	18.0	18.4	18.5	18.8	19.3
x=8H y=12H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.5	18.7	19.2
x=12H y=4H	18.0	18.5	18.5	18.9	19.3	18.1	18.5	18.5	18.9	19.4
x=12H y=6H	18.0	18.3	18.4	18.7	19.2	18.0	18.4	18.5	18.8	19.3
x=12H y=8H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.5	18.7	19.2

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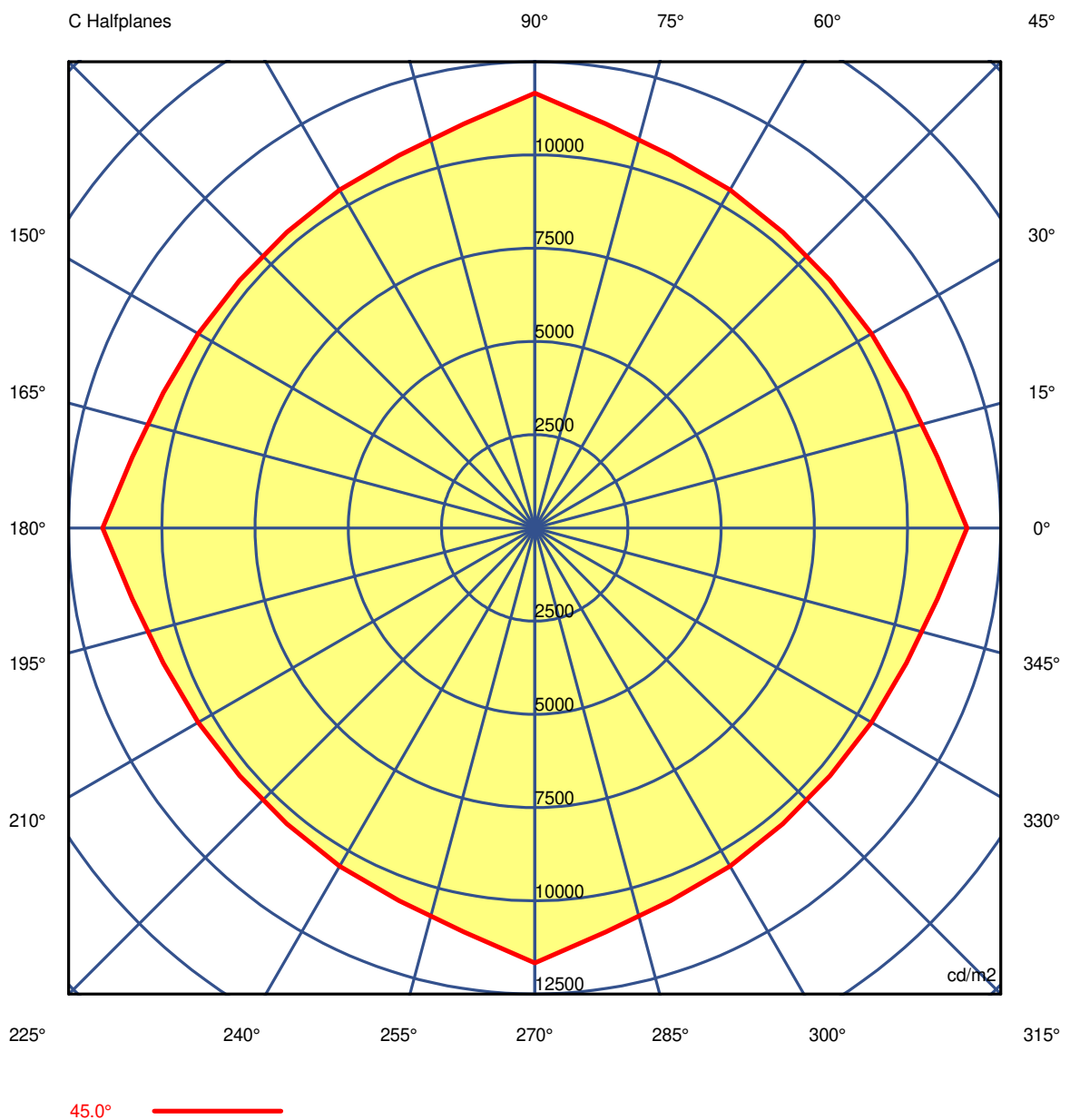
Measurem.

Code 23/2/2023

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Luminaire Flux	721 lm	Luminaire Power	6.6 W	Efficacy	109.217 lm/W	Efficiency	69.65%
Source Flux	1035 lm	Maximum value	433.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Measur.

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Luminaire Flux	721 lm		Luminaire Power		6.6 W		Efficacy		109.217 lm/W		Efficiency		69.65%	
Source Flux	1035 lm		Maximum value		433.50 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	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	
G 5.0	37550	37218	36985	36827	36700	36694	36810	36968	37225	37603	37225	36968	36810	
G 10.0	35187	34587	34163	33910	33731	33725	33910	34210	34667	35304	34667	34210	33910	
G 15.0	32689	31898	31332	30990	30807	30838	31089	31504	32110	32930	32110	31504	31089	
G 20.0	29929	29001	28330	27899	27690	27730	28023	28545	29283	30250	29283	28545	28023	
G 25.0	26515	25522	24826	24405	24172	24204	24511	24975	25697	26745	25697	24975	24511	
G 30.0	22538	21532	20847	20442	20251	20277	20517	20962	21669	22682	21669	20962	20517	
G 35.0	18444	17492	16877	16547	16397	16410	16601	17002	17641	18550	17641	17002	16601	
G 40.0	14658	13953	13494	13206	13018	13040	13266	13576	14053	14779	14053	13576	13266	
G 45.0	11592	10965	10603	10429	10333	10351	10469	10634	11000	11661	11000	10634	10469	
G 50.0	8253	7762	7745	7908	7708	7664	7774	7732	7927	8409	7927	7732	7774	
G 55.0	5661	5624	5356	4936	4711	4814	5140	5424	5570	5629	5570	5424	5140	
G 60.0	3769	3722	3513	3258	3227	3180	3161	3467	3742	3819	3742	3467	3161	
G 65.0	2435	2345	2182	2047	2110	2100	2033	2207	2429	2584	2429	2207	2033	
G 70.0	1504	1402	1339	1287	1233	1243	1324	1417	1511	1624	1511	1417	1324	
G 75.0	612	586	594	609	599	615	664	695	712	730	712	695	664	
G 80.0	246	218	203	199	200	202	207	218	240	278	240	218	207	
G 85.0	129	106	94	89	86	88	98	118	134	141	134	118	98	
G 90.0	79	68	62	58	56	56	58	62	68	79	68	62	58	

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Source Flux	1035 lm		Maximum value		433.50 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	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932	
G 5.0	36694	36700	36827	36985	37218	37550	37218	36985	36827	36700	36694	36810	36968	
G 10.0	33725	33731	33910	34163	34587	35187	34587	34163	33910	33731	33725	33910	34210	
G 15.0	30838	30807	30990	31332	31898	32689	31898	31332	30990	30807	30838	31089	31504	
G 20.0	27730	27690	27899	28330	29001	29929	29001	28330	27899	27690	27730	28023	28545	
G 25.0	24204	24172	24405	24826	25522	26515	25522	24826	24405	24172	24204	24511	24975	
G 30.0	20277	20251	20442	20847	21532	22538	21532	20847	20442	20251	20277	20517	20962	
G 35.0	16410	16397	16547	16877	17492	18444	17492	16877	16547	16397	16410	16601	17002	
G 40.0	13040	13018	13206	13494	13953	14658	13953	13494	13206	13018	13040	13266	13576	
G 45.0	10351	10333	10429	10603	10965	11592	10965	10603	10429	10333	10351	10469	10634	
G 50.0	7664	7708	7908	7745	7762	8253	7762	7745	7908	7708	7664	7774	7732	
G 55.0	4814	4711	4936	5356	5624	5661	5624	5356	4936	4711	4814	5140	5424	
G 60.0	3180	3227	3258	3513	3722	3769	3722	3513	3258	3227	3180	3161	3467	
G 65.0	2100	2110	2047	2182	2345	2435	2345	2182	2047	2110	2100	2033	2207	
G 70.0	1243	1233	1287	1339	1402	1504	1402	1339	1287	1233	1243	1324	1417	
G 75.0	615	599	609	594	586	612	586	594	609	599	615	664	695	
G 80.0	202	200	199	203	218	246	218	203	199	200	202	207	218	
G 85.0	88	86	89	94	106	129	106	94	89	86	88	98	118	
G 90.0	56	56	58	62	68	79	68	62	58	56	56	58	62	

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Source Flux	1035 lm	Maximum value	433.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	39932	39932	39932	39932	39932	39932	39932	39932	39932	39932
G 5.0	37225	37603	37225	36968	36810	36694	36700	36827	36985	37218
G 10.0	34667	35304	34667	34210	33910	33725	33731	33910	34163	34587
G 15.0	32110	32930	32110	31504	31089	30838	30807	30990	31332	31898
G 20.0	29283	30250	29283	28545	28023	27730	27690	27899	28330	29001
G 25.0	25697	26745	25697	24975	24511	24204	24172	24405	24826	25522
G 30.0	21669	22682	21669	20962	20517	20277	20251	20442	20847	21532
G 35.0	17641	18550	17641	17002	16601	16410	16397	16547	16877	17492
G 40.0	14053	14779	14053	13576	13266	13040	13018	13206	13494	13953
G 45.0	11000	11661	11000	10634	10469	10351	10333	10429	10603	10965
G 50.0	7927	8409	7927	7732	7774	7664	7708	7908	7745	7762
G 55.0	5570	5629	5570	5424	5140	4814	4711	4936	5356	5624
G 60.0	3742	3819	3742	3467	3161	3180	3227	3258	3513	3722
G 65.0	2429	2584	2429	2207	2033	2100	2110	2047	2182	2345
G 70.0	1511	1624	1511	1417	1324	1243	1233	1287	1339	1402
G 75.0	712	730	712	695	664	615	599	609	594	586
G 80.0	240	278	240	218	207	202	200	199	203	218
G 85.0	134	141	134	118	98	88	86	89	94	106
G 90.0	68	79	68	62	58	56	56	58	62	68