

Luminaire

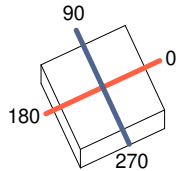
Code 90259L110
Name HOLI SQ Q135 PRISM+ 840 HO

Measur.

Code 17/2/2023
Name HOLI SQ Q135 PRISM+ 840 HO

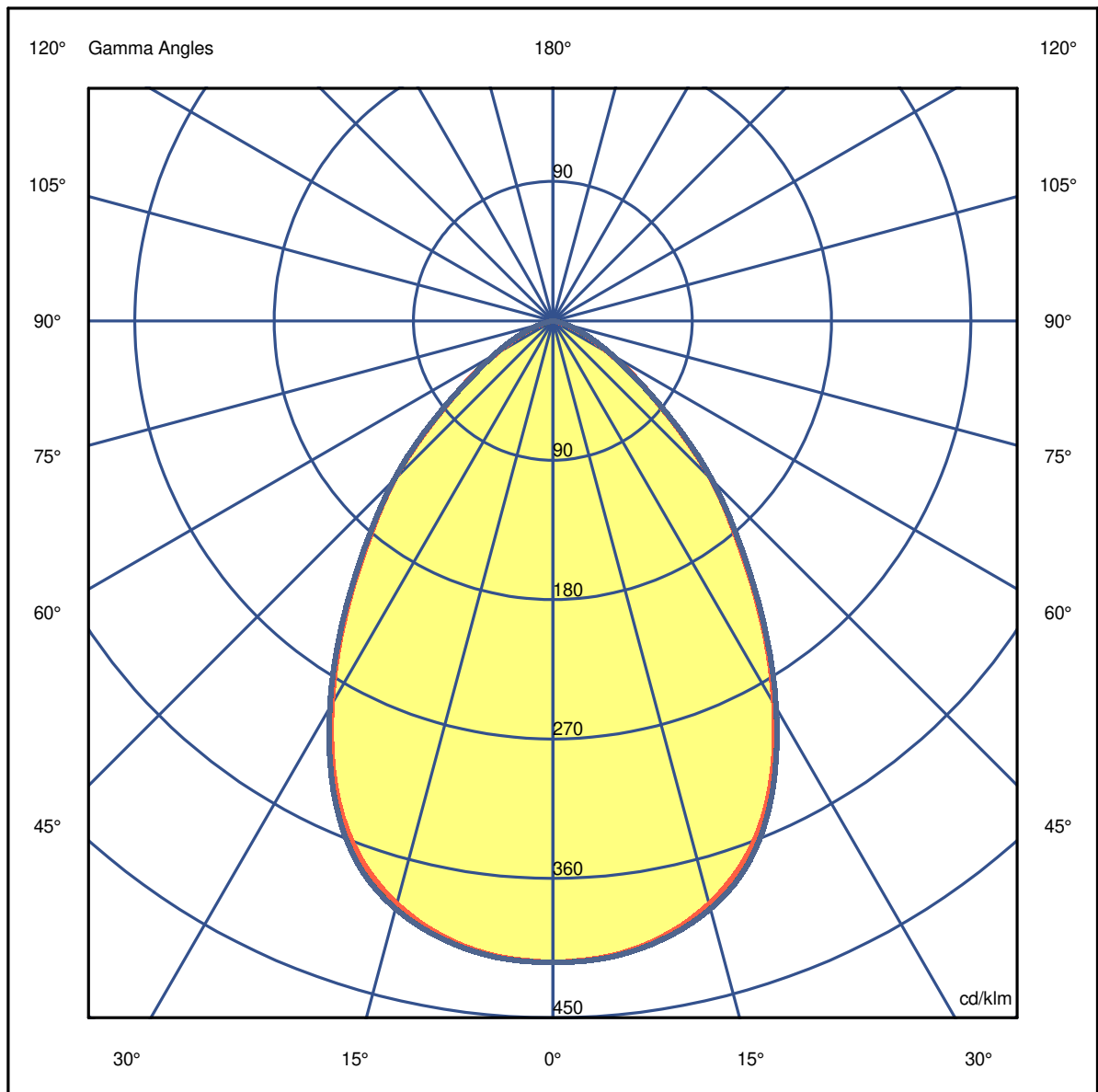
Luminaire Flux	923 lm	Luminaire Power	8.3 W	Efficacy	110.553 lm/W	Efficiency	66.75%
Source Flux	1383 lm	Maximum value	414.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

135mm x 135mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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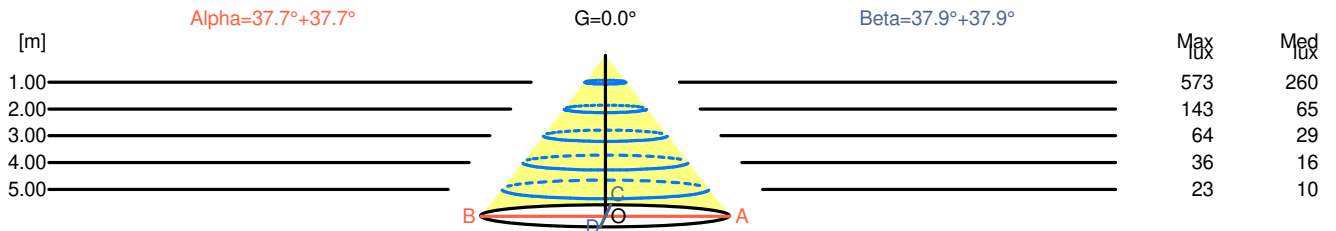
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Width at 50.00 % of Max Intensity

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	3.87	OC	0.78	1.56	2.34	3.12	3.90
OB	0.77	1.55	2.32	3.09	3.87	OD	0.78	1.56	2.34	3.12	3.90

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	572.98	569.52	538.96	459.29	324.73	200.26	93.08	37.20	8.30	1.38
OB	572.98	569.52	538.96	459.29	324.73	200.26	93.08	37.20	8.30	1.38
OC	572.98	570.63	543.38	464.00	327.63	201.23	92.11	39.00	9.96	1.38
OD	572.98	570.63	543.38	464.00	327.63	201.23	92.11	39.00	9.96	1.38



H[m]	D[m]	Max lux	Med lux	Alpha=37.7°+37.7°	G=0.0	
1.00	1.55	573	260			
2.00	3.09	143	65			
3.00	4.64	64	29			
4.00	6.19	36	16			
5.00	7.74	23	10			

H[m]	D[m]	Max lux	Med lux	Beta=37.9°+37.9°	G=0.0	
1.00	1.56	573	260			
2.00	3.12	143	65			
3.00	4.68	64	29			
4.00	6.24	36	16			
5.00	7.80	23	10			

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Source Flux	1383 lm	Maximum value	414.30 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	19.2	20.2	19.4	20.4	20.6	19.2	20.2	19.5	20.4	20.6
x=2H y=3H	19.3	20.2	19.6	20.4	20.7	19.3	20.3	19.7	20.5	20.7
x=2H y=4H	19.3	20.1	19.6	20.4	20.6	19.3	20.2	19.6	20.4	20.7
x=2H y=6H	19.2	20.0	19.5	20.2	20.5	19.3	20.0	19.6	20.3	20.6
x=2H y=8H	19.2	19.9	19.5	20.2	20.5	19.2	20.0	19.6	20.3	20.6
x=2H y=12H	19.1	19.8	19.5	20.1	20.4	19.2	19.9	19.5	20.2	20.5
x=4H y=2H	19.2	20.1	19.5	20.3	20.6	19.2	20.1	19.6	20.3	20.6
x=4H y=3H	19.4	20.1	19.7	20.4	20.7	19.4	20.1	19.8	20.4	20.8
x=4H y=4H	19.4	20.0	19.7	20.3	20.7	19.4	20.1	19.8	20.4	20.7
x=4H y=6H	19.3	19.8	19.7	20.2	20.6	19.4	19.9	19.8	20.3	20.7
x=4H y=8H	19.3	19.7	19.7	20.1	20.5	19.4	19.8	19.8	20.2	20.6
x=4H y=12H	19.2	19.7	19.7	20.1	20.5	19.3	19.7	19.7	20.1	20.6
x=8H y=4H	19.3	19.8	19.7	20.1	20.6	19.4	19.8	19.8	20.2	20.6
x=8H y=6H	19.2	19.6	19.7	20.0	20.5	19.3	19.7	19.8	20.1	20.6
x=8H y=8H	19.2	19.5	19.7	20.0	20.4	19.3	19.6	19.7	20.0	20.5
x=8H y=12H	19.1	19.4	19.6	19.9	20.4	19.2	19.5	19.7	20.0	20.5
x=12H y=4H	19.2	19.7	19.7	20.1	20.5	19.3	19.8	19.8	20.2	20.6
x=12H y=6H	19.2	19.5	19.6	20.0	20.4	19.3	19.6	19.7	20.0	20.5
x=12H y=8H	19.1	19.4	19.6	19.9	20.4	19.2	19.5	19.7	20.0	20.5

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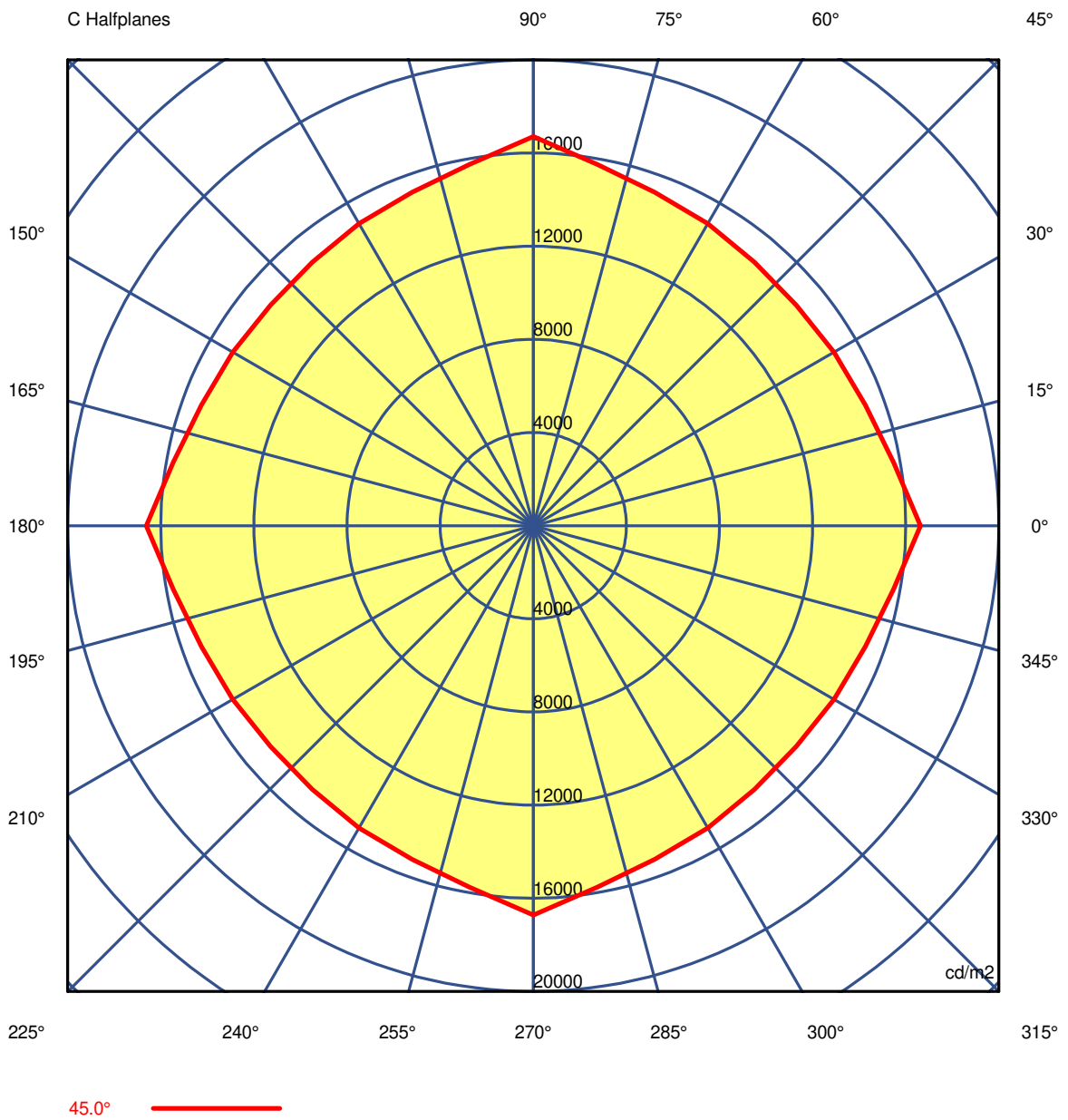
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Source Flux	1383 lm	Maximum value	414.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Luminaire Flux	923 lm	Luminaire Power	8.3 W	Efficacy	110.553 lm/W	Efficiency	66.75%
Source Flux	1383 lm	Maximum value	414.30 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	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461
G 5.0	54795	54253	53888	53671	53518	53508	53658	53936	54350	54902	54350	53936	53658
G 10.0	51239	50322	49667	49278	49038	49035	49290	49779	50493	51430	50493	49779	49290
G 15.0	47537	46372	45490	44911	44678	44749	45095	45726	46665	47928	46665	45726	45095
G 20.0	43449	42004	40992	40381	40098	40145	40557	41364	42497	43946	42497	41364	40557
G 25.0	38477	36934	35867	35235	34960	35015	35404	36150	37293	38870	37293	36150	35404
G 30.0	32617	31079	30053	29475	29203	29142	29393	30169	31369	32948	31369	30169	29393
G 35.0	26674	25247	24305	23789	23585	23623	23900	24481	25464	26913	25464	24481	23900
G 40.0	21132	20078	19358	18898	18652	18706	19027	19493	20231	21359	20231	19493	19027
G 45.0	16632	15707	15176	14913	14740	14771	14982	15236	15761	16712	15761	15236	14982
G 50.0	11766	11056	11018	11244	10970	10911	11054	11027	11251	11988	11251	11027	11054
G 55.0	8064	7971	7527	6901	6661	6860	7314	7737	7944	7980	7944	7737	7314
G 60.0	5342	5294	4981	4596	4566	4502	4463	4916	5328	5441	5328	4916	4463
G 65.0	3479	3323	3078	2884	2978	2969	2874	3105	3413	3648	3413	3105	2874
G 70.0	2141	1974	1882	1818	1741	1753	1873	2015	2156	2318	2156	2015	1873
G 75.0	872	825	837	859	829	846	916	949	979	1046	979	949	916
G 80.0	345	297	264	254	273	283	291	327	352	345	352	327	291
G 85.0	172	150	132	116	121	126	129	147	164	172	164	147	129
G 90.0	96	83	75	70	68	68	70	75	83	96	83	75	70

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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	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461
G 5.0	53508	53518	53671	53888	54253	54795	54253	53888	53671	53518	53508	53658	53936
G 10.0	49035	49038	49278	49667	50322	51239	50322	49667	49278	49038	49035	49290	49779
G 15.0	44749	44678	44911	45490	46372	47537	46372	45490	44911	44678	44749	45095	45726
G 20.0	40145	40098	40381	40992	42004	43449	42004	40992	40381	40098	40145	40557	41364
G 25.0	35015	34960	35235	35867	36934	38477	36934	35867	35235	34960	35015	35404	36150
G 30.0	29142	29203	29475	30053	31079	32617	31079	30053	29475	29203	29142	29393	30169
G 35.0	23623	23585	23789	24305	25247	26674	25247	24305	23789	23585	23623	23900	24481
G 40.0	18706	18652	18898	19358	20078	21132	20078	19358	18898	18652	18706	19027	19493
G 45.0	14771	14740	14913	15176	15707	16632	15707	15176	14913	14740	14771	14982	15236
G 50.0	10911	10970	11244	11018	11056	11766	11056	11018	11244	10970	10911	11054	11027
G 55.0	6860	6661	6901	7527	7971	8064	7971	7527	6901	6661	6860	7314	7737
G 60.0	4502	4566	4596	4981	5294	5342	5294	4981	4566	4502	4566	4463	4916
G 65.0	2969	2978	2884	3078	3323	3479	3323	3078	2884	2978	2969	2874	3105
G 70.0	1753	1741	1818	1882	1974	2141	1974	1882	1818	1741	1753	1873	2015
G 75.0	846	829	859	837	825	872	825	837	859	829	846	916	949
G 80.0	283	273	254	264	297	345	297	264	273	283	283	291	327
G 85.0	126	121	116	132	150	172	150	132	116	121	126	129	147
G 90.0	68	68	70	75	83	96	83	75	68	68	68	70	75

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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	58461	58461	58461	58461	58461	58461	58461	58461	58461	58461
G 5.0	54350	54902	54350	53936	53658	53508	53518	53671	53888	54253
G 10.0	50493	51430	50493	49779	49290	49035	49038	49278	49667	50322
G 15.0	46665	47928	46665	45726	45095	44749	44678	44911	45490	46372
G 20.0	42497	43946	42497	41364	40557	40145	40098	40381	40992	42004
G 25.0	37293	38870	37293	36150	35404	35015	34960	35235	35867	36934
G 30.0	31369	32948	31369	30169	29393	29142	29203	29475	30053	31079
G 35.0	25464	26913	25464	24481	23900	23623	23585	23789	24305	25247
G 40.0	20231	21359	20231	19493	19027	18706	18652	18898	19358	20078
G 45.0	15761	16712	15761	15236	14982	14771	14740	14913	15176	15707
G 50.0	11251	11988	11251	11027	11054	10911	10970	11244	11018	11056
G 55.0	7944	7980	7944	7737	7314	6860	6661	6901	7527	7971
G 60.0	5328	5441	5328	4916	4463	4502	4566	4596	4981	5294
G 65.0	3413	3648	3413	3105	2874	2969	2978	2884	3078	3323
G 70.0	2156	2318	2156	2015	1873	1753	1741	1818	1882	1974
G 75.0	979	1046	979	949	916	846	829	859	837	825
G 80.0	352	345	352	327	291	283	273	254	264	297
G 85.0	164	172	164	147	129	126	121	116	132	150
G 90.0	83	96	83	75	70	68	68	70	75	83