

Luminaire

Code 90568L016

Name 6TH ELEMENT + D/I D140 940 80°/80°

Measurem.

Code 31/1/2023

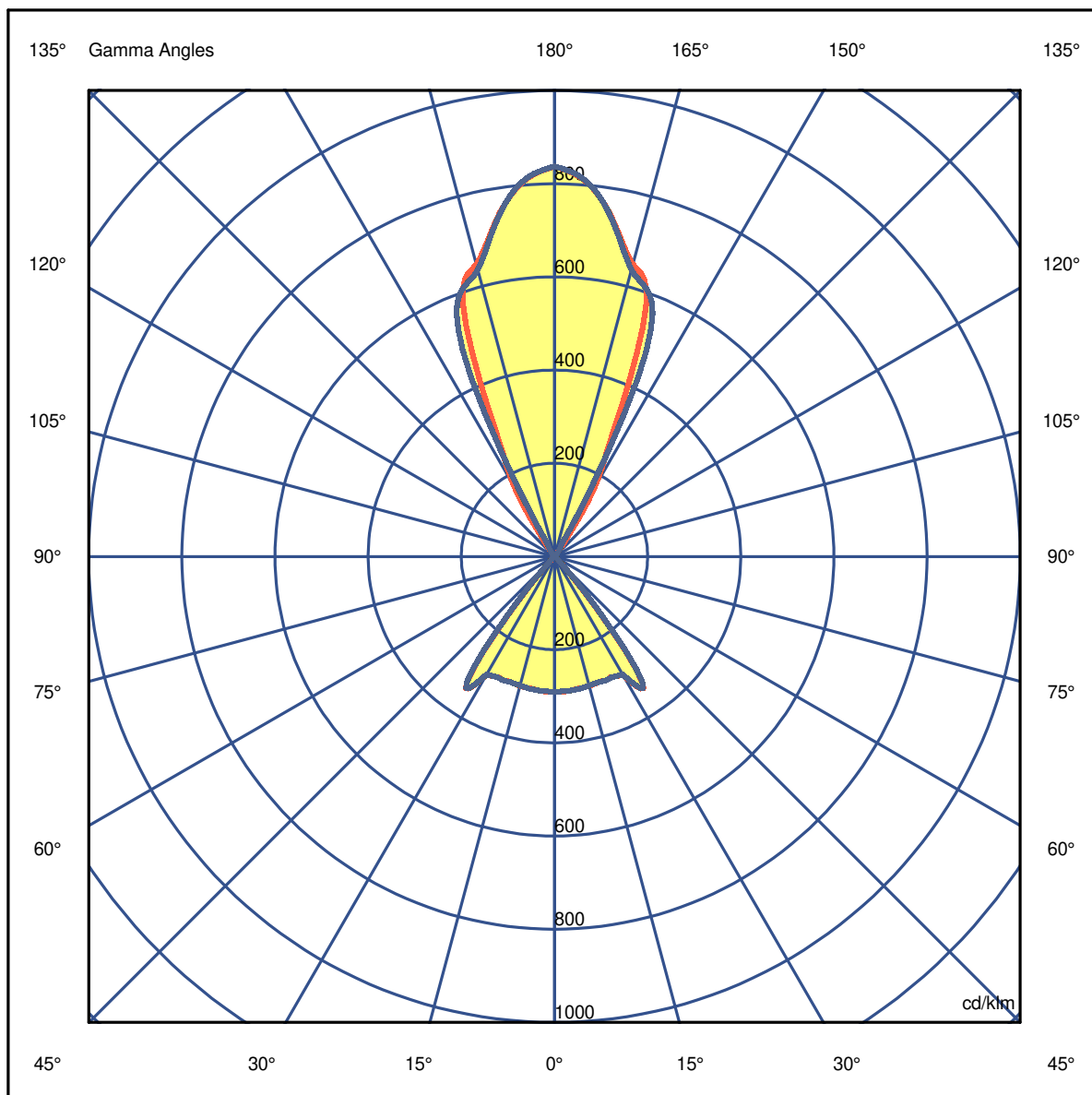
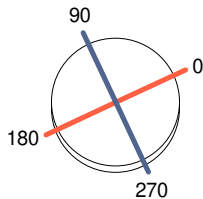
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Luminaire Flux	2202 lm	Luminaire Power	17.2 W	Efficacy	128.019 lm/W	Efficiency	88.79%
Source Flux	2480 lm	Maximum value	837.60 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical

Diam=140mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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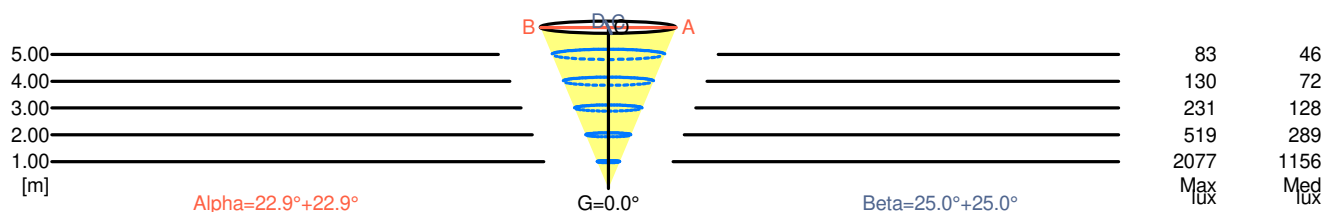
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Width at 50.00 % of Max Intensity

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	0.42	0.84	1.27	1.69	2.11	OC	0.47	0.93	1.40	1.87	2.34
OB	0.42	0.84	1.27	1.69	2.11	OD	0.47	0.93	1.40	1.87	2.34

Luminous Intensities [cd/klm]										
	0	5	15	25	35	45	55	65	75	85
OA	2077.25	1997.64	1610.76	751.69	30.50	14.14	11.16	9.42	8.68	5.21
OB	2077.25	1997.64	1610.76	751.69	30.50	14.14	11.16	9.42	8.68	5.21
OC	2077.25	2000.86	1581.25	1047.30	34.72	13.64	10.91	9.18	6.20	3.72
OD	2077.25	2000.86	1581.25	1047.30	34.72	13.64	10.91	9.18	6.20	3.72



5.00	4.22	83	46		
4.00	3.38	130	72		
3.00	2.53	231	128		
2.00	1.69	519	289		
1.00	0.84	2077	1156		
H[m]	D[m]	Max lux	Med lux	Alpha=22.9°+22.9°	G=0.0

5.00	4.67	83	46		
4.00	3.74	130	72		
3.00	2.80	231	128		
2.00	1.87	519	289		
1.00	0.93	2077	1156		
H[m]	D[m]	Max lux	Med lux	Beta=25.0°+25.0°	G=0.0

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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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	19.1	19.7	20.0	20.5	21.6	19.1	19.7	20.0	20.5	21.6
x=2H y=3H	18.8	19.3	19.7	20.2	21.3	18.8	19.3	19.7	20.2	21.3
x=2H y=4H	18.7	19.2	19.6	20.0	21.2	18.7	19.2	19.6	20.0	21.2
x=2H y=6H	18.5	19.0	19.5	19.9	21.1	18.5	19.0	19.5	19.9	21.1
x=2H y=8H	18.5	18.9	19.4	19.8	21.0	18.5	18.9	19.4	19.8	21.0
x=2H y=12H	18.4	18.8	19.3	19.7	20.9	18.4	18.8	19.3	19.7	20.9
x=4H y=2H	18.7	19.1	19.6	20.0	21.2	18.7	19.2	19.6	20.0	21.2
x=4H y=3H	18.4	18.8	19.3	19.7	20.9	18.4	18.8	19.3	19.7	20.9
x=4H y=4H	18.2	18.6	19.2	19.5	20.8	18.2	18.6	19.2	19.5	20.8
x=4H y=6H	18.1	18.4	19.1	19.3	20.6	18.1	18.4	19.1	19.4	20.6
x=4H y=8H	18.0	18.3	19.0	19.2	20.5	18.0	18.3	19.0	19.3	20.5
x=4H y=12H	17.9	18.2	18.9	19.2	20.5	17.9	18.2	18.9	19.2	20.5
x=8H y=4H	18.0	18.3	19.0	19.2	20.5	18.0	18.3	19.0	19.2	20.5
x=8H y=6H	17.8	18.0	18.9	19.1	20.4	17.8	18.0	18.9	19.1	20.4
x=8H y=8H	17.8	17.9	18.8	19.0	20.3	17.8	17.9	18.8	19.0	20.3
x=8H y=12H	17.7	17.8	18.7	18.9	20.2	17.7	17.8	18.7	18.9	20.2
x=12H y=4H	17.9	18.2	18.9	19.1	20.5	17.9	18.2	18.9	19.2	20.5
x=12H y=6H	17.8	17.9	18.8	19.0	20.3	17.8	17.9	18.8	19.0	20.3
x=12H y=8H	17.7	17.8	18.7	18.9	20.2	17.7	17.8	18.7	18.9	20.2

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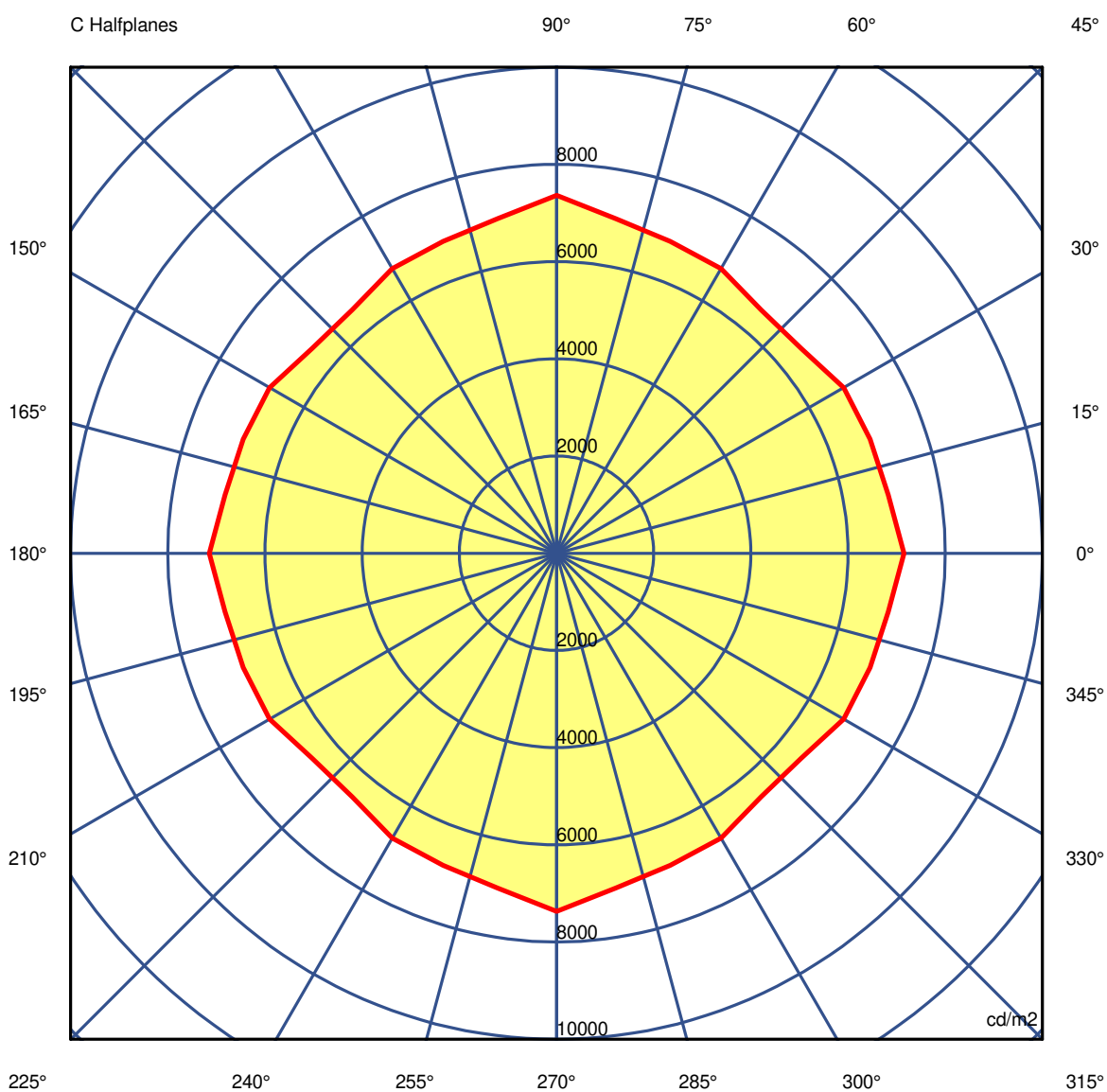
Measurem.

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Luminaire Flux	2202 lm	Luminaire Power	17.2 W	Efficacy	128.019 lm/W	Efficiency	88.79%
Source Flux	2480 lm	Maximum value	837.60 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measur.

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Luminaire Flux		2202 lm		Luminaire Power		17.2 W		Efficacy		128.019 lm/W		Efficiency		88.79%	
Source Flux		2480 lm		Maximum value		837.60 cd/klm		Position		C=0.00 G=180.00		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	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102
G 5.0	229744	229480	228824	228160	229152	229538	228873	228924	229254	229428	229254	228924	228873	229428	229744
G 10.0	209333	209467	209219	208897	209204	209713	209697	208892	208873	210060	208873	208892	209697	209467	209333
G 15.0	194387	194341	194302	194387	194689	194783	194387	193667	193432	193845	193432	193667	194387	194341	194387
G 20.0	182100	182371	182270	182100	182971	183489	183057	182355	182079	182036	182079	182355	183057	182371	182100
G 25.0	173371	173511	173578	173857	174692	175264	175132	174578	174041	173675	174041	174578	175132	173511	173371
G 30.0	170913	171110	170778	170446	171145	171768	171788	171657	171231	170504	171231	171657	171788	170778	170913
G 35.0	186015	186875	185252	183128	184631	185059	183468	183722	184899	185959	184899	183722	183468	186875	186015
G 40.0	53254	48525	52562	59232	55044	55125	61059	58439	56557	58236	56557	58439	61059	48525	53254
G 45.0	7148	6933	6867	6821	6565	6541	6766	6830	6992	7367	6992	6830	6766	6867	7148
G 50.0	4445	4525	4564	4445	4095	3912	3903	3734	3733	4011	3733	3734	3903	4525	4445
G 55.0	3038	2966	2779	2496	2532	2542	2496	2588	2721	2821	2721	2588	2496	2966	3038
G 60.0	2353	2317	2180	1916	1859	2011	2189	2189	2206	2299	2206	2189	2189	2317	2353
G 65.0	2281	2170	1775	1057	938	1054	1224	1597	1730	1502	1730	1597	1224	2170	2281
G 70.0	798	760	646	456	456	456	456	563	676	741	676	563	456	760	798
G 75.0	648	528	420	354	354	354	354	425	514	589	514	425	354	528	648
G 80.0	492	492	394	184	184	184	184	304	407	430	407	304	184	492	492
G 85.0	388	240	194	194	194	194	194	194	209	259	209	194	194	240	388
G 90.0	896	755	625	482	295	145	276	832	1044	689	1044	832	276	755	896

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Source Flux		2480 lm		Maximum value		837.60 cd/klm		Position		C=0.00 G=180.00		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	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102
G 5.0	229538	229152	228160	228824	229480	229744	229480	228824	228160	229152	229538	228873	228924	228924	228924	228924	228924	228924	228924	228924	228924	228924	228924	228924	228924
G 10.0	209713	209204	208897	209219	209467	209333	209467	209219	208897	209204	209713	209697	208892	208892	208892	208892	208892	208892	208892	208892	208892	208892	208892	208892	208892
G 15.0	194783	194689	194387	194302	194341	194387	194341	194302	194387	194689	194783	194387	193667	193667	193667	193667	193667	193667	193667	193667	193667	193667	193667	193667	193667
G 20.0	183489	182971	182100	182270	182371	182100	182371	182270	182100	182971	183489	183057	182355	182355	182355	182355	182355	182355	182355	182355	182355	182355	182355	182355	182355
G 25.0	175264	174692	173857	173578	173511	173371	173511	173578	173857	174692	175264	175132	174578	174578	174578	174578	174578	174578	174578	174578	174578	174578	174578	174578	174578
G 30.0	171768	171145	170446	170778	171110	170913	171110	170778	170446	171145	171768	171788	171657	171657	171657	171657	171657	171657	171657	171657	171657	171657	171657	171657	171657
G 35.0	185059	184631	183128	185252	186875	186015	186875	185252	183128	184631	185059	183468	183722	183722	183722	183722	183722	183722	183722	183722	183722	183722	183722	183722	183722
G 40.0	55125	55044	59232	52562	48525	53254	48525	52562	59232	55044	55125	61059	58439	58439	58439	58439	58439	58439	58439	58439	58439	58439	58439	58439	58439
G 45.0	6541	6565	6821	6867	6933	7148	6933	6867	6821	6565	6541	6766	6830	6830	6830	6830	6830	6830	6830	6830	6830	6830	6830	6830	6830
G 50.0	3912	4095	4445	4564	4525	4445	4525	4564	4445	4095	3912	3903	3734	3734	3734	3734	3734	3734	3734	3734	3734	3734	3734	3734	3734
G 55.0	2542	2532	2496	2779	2966	3038	2966	2779	2496	2532	2542	2496	2588	2588	2588	2588	2588	2588	2588	2588	2588	2588	2588	2588	2588
G 60.0	2011	1859	1916	2180	2317	2353	2317	2180	1916	1859	2011	2189	2189	2189	2189	2189	2189	2189	2189	2189	2189	2189	2189	2189	2189
G 65.0	1054	938	1057	1775	2170	2281	2170	1775	1057	938	1054	1224	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597
G 70.0	456	456	456	646	760	798	760	646	456	456	456	456	563	563	563	563	563	563	563	563	563	563	563	563	563
G 75.0	354	354	354	420	528	648	528	420	354	354	354	354	425	425	425	425	425	425	425	425	425	425	425	425	425
G 80.0	184	184	184	394	492	492	492	394	184	184	184	184	304	304	304	304	304	304	304	304	304	304	304	304	304
G 85.0	194	194	194	194	240	388	240	194	194	194	194	194	194	194	194	194	194	194	194	194	194	194	194	194	194
G 90.0	145	295	482	625	755	896	755	625	482	295	145	276	832	832	832	832	832	832	832	832	832	832	832	832	832

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Source Flux	2480 lm	Maximum value	837.60 cd/klm	Position	C=0.00 G=180.00	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	254102	254102	254102	254102	254102	254102	254102	254102	254102	254102
G 5.0	229254	229428	229254	228924	228873	229538	229152	228160	228824	229480
G 10.0	208873	210060	208873	208892	209697	209713	209204	208897	209219	209467
G 15.0	193432	193845	193432	193667	194387	194783	194689	194387	194302	194341
G 20.0	182079	182036	182079	182355	183057	183489	182971	182100	182270	182371
G 25.0	174041	173675	174041	174578	175132	175264	174692	173857	173578	173511
G 30.0	171231	170504	171231	171657	171788	171768	171145	170446	170778	171110
G 35.0	184899	185959	184899	183722	183468	185059	184631	183128	185252	186875
G 40.0	56557	58236	56557	58439	61059	55125	55044	59232	52562	48525
G 45.0	6992	7367	6992	6830	6766	6541	6565	6821	6867	6933
G 50.0	3733	4011	3733	3734	3903	3912	4095	4445	4564	4525
G 55.0	2721	2821	2721	2588	2496	2542	2532	2496	2779	2966
G 60.0	2206	2299	2206	2189	2189	2011	1859	1916	2180	2317
G 65.0	1730	1502	1730	1597	1224	1054	938	1057	1775	2170
G 70.0	676	741	676	563	456	456	456	456	646	760
G 75.0	514	589	514	425	354	354	354	354	420	528
G 80.0	407	430	407	304	184	184	184	184	394	492
G 85.0	209	259	209	194	194	194	194	194	194	240
G 90.0	1044	689	1044	832	276	145	295	482	625	755