

Luminaire

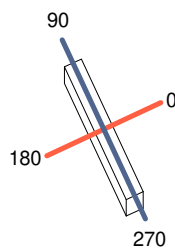
Code 90833L590
Name SLIM L590 LIGHT+ 840

Measurem.

Code 19/5/2023
Name SLIM L590 LIGHT+ 840

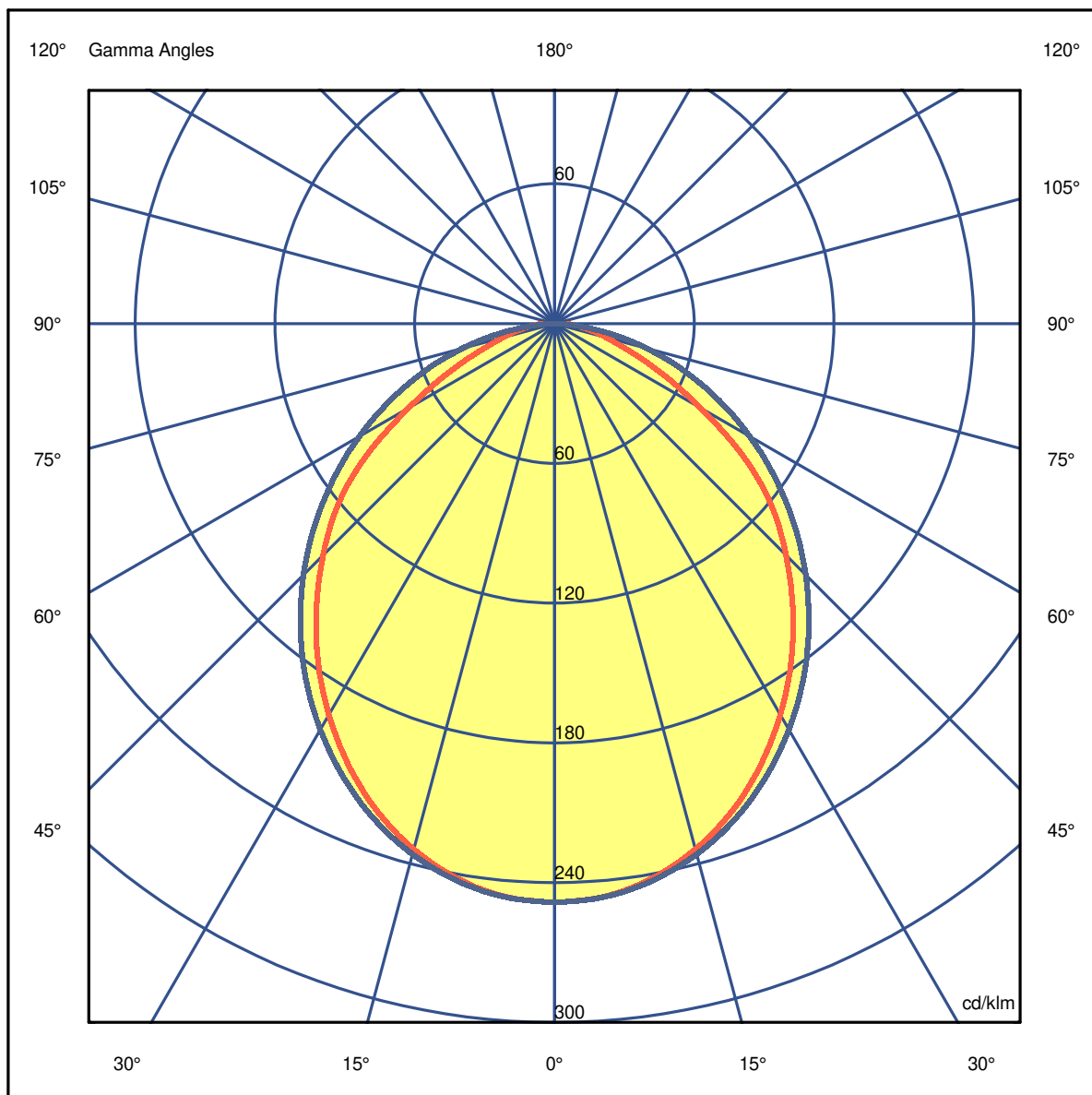
Luminaire Flux	1600 lm	Luminaire Power	15.1 W	Efficacy	106.033 lm/W	Efficiency	61.87%
Source Flux	2586 lm	Maximum value	248.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

590mm x 75mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



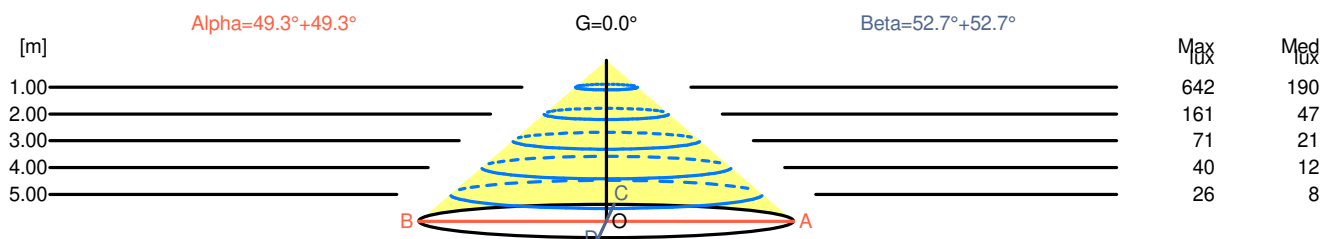
LuminaireCode 90833L590
Name SLIM L590 LIGHT+ 840**Measurem.**Code 19/5/2023
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Luminaire Flux	1600 lm	Luminaire Power	15.1 W	Efficacy	106.033 lm/W	Efficiency	61.87%
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Width at 50.00 % of Max Intensity

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	1.16	2.33	3.49	4.66	5.82	OC	1.31	2.63	3.94	5.26	6.57
OB	1.16	2.33	3.49	4.66	5.82	OD	1.31	2.63	3.94	5.26	6.57

	0	5	15	25	35	45	55	65	75	85
OA	642.36	638.22	604.09	540.99	457.98	363.33	254.72	132.14	59.22	24.05
OB	642.36	638.22	604.09	540.99	457.98	363.33	254.72	132.14	59.22	24.05
OC	642.36	638.74	609.78	555.21	481.51	394.36	299.20	200.93	105.77	21.72
OD	642.36	638.74	609.78	555.21	481.51	394.36	299.20	200.93	105.77	21.72



H[m]	D[m]	Max lux	Med lux	Alpha=49.3°+49.3°	G=0.0	
1.00	2.33	642	190			
2.00	4.66	161	47			
3.00	6.99	71	21			
4.00	9.32	40	12			
5.00	11.65	26	8			

H[m]	D[m]	Max lux	Med lux	Beta=52.7°+52.7°	G=0.0	
1.00	2.63	642	190			
2.00	5.26	161	47			
3.00	7.88	71	21			
4.00	10.51	40	12			
5.00	13.14	26	8			

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Source Flux	2586 lm	Maximum value	248.40 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	19.8	21.1	20.1	21.3	21.6	22.3	23.6	22.6	23.8	24.1
x=2H y=3H	20.3	21.4	20.6	21.7	21.9	23.7	24.9	24.0	25.1	25.4
x=2H y=4H	20.4	21.5	20.8	21.8	22.1	24.3	25.3	24.6	25.6	25.9
x=2H y=6H	20.5	21.5	20.8	21.8	22.1	24.6	25.6	25.0	25.9	26.2
x=2H y=8H	20.5	21.5	20.9	21.8	22.1	24.7	25.7	25.1	26.0	26.3
x=2H y=12H	20.5	21.4	20.9	21.7	22.1	24.8	25.7	25.1	26.0	26.3
x=4H y=2H	20.4	21.5	20.8	21.8	22.1	22.5	23.6	22.9	23.9	24.2
x=4H y=3H	21.0	22.0	21.4	22.3	22.6	24.1	25.0	24.5	25.3	25.7
x=4H y=4H	21.2	22.0	21.6	22.4	22.8	24.7	25.5	25.1	25.9	26.3
x=4H y=6H	21.3	22.0	21.7	22.4	22.8	25.1	25.8	25.6	26.2	26.6
x=4H y=8H	21.4	22.0	21.8	22.4	22.8	25.3	25.9	25.7	26.3	26.7
x=4H y=12H	21.4	22.0	21.8	22.4	22.8	25.3	25.9	25.8	26.3	26.8
x=8H y=4H	21.4	22.0	21.8	22.4	22.8	24.7	25.3	25.1	25.7	26.1
x=8H y=6H	21.6	22.1	22.0	22.5	23.0	25.2	25.7	25.6	26.1	26.6
x=8H y=8H	21.6	22.1	22.1	22.5	23.0	25.3	25.8	25.8	26.2	26.7
x=8H y=12H	21.7	22.1	22.2	22.5	23.0	25.4	25.8	25.9	26.2	26.7
x=12H y=4H	21.4	22.0	21.8	22.4	22.8	24.7	25.2	25.1	25.7	26.1
x=12H y=6H	21.6	22.0	22.0	22.5	23.0	25.2	25.6	25.6	26.1	26.5
x=12H y=8H	21.7	22.1	22.2	22.5	23.0	25.3	25.7	25.8	26.2	26.7

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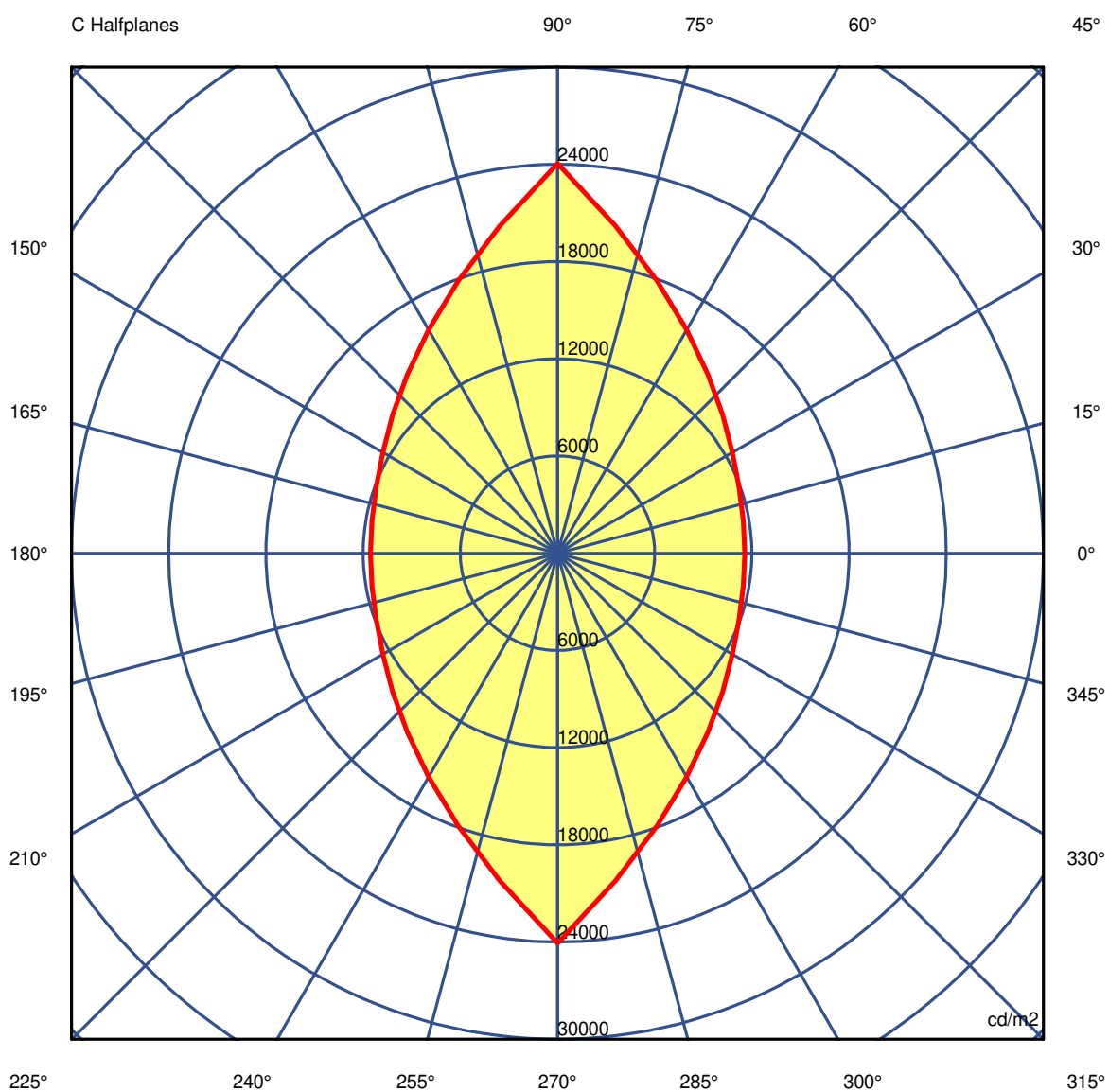
Code 90833L590
Name SLIM L590 LIGHT+ 840

Measurem.

Code 19/5/2023
Name SLIM L590 LIGHT+ 840

Luminaire Flux	1600 lm	Luminaire Power	15.1 W	Efficacy	106.033 lm/W	Efficiency	61.87%
Source Flux	2586 lm	Maximum value	248.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90833L590
Name SLIM L590 LIGHT+ 840**Measur.**Code 19/5/2023
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Luminaire Flux	1600 lm		Luminaire Power		15.1 W		Efficacy		106.033 lm/W		Efficiency		61.87%	
Source Flux	2586 lm		Maximum value		248.40 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	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	
G 5.0	27084	27092	27170	27316	27528	27802	28133	28531	28964	29421	28964	28531	28133	
G 10.0	24715	24746	24881	25131	25526	26030	26630	27348	28166	29063	28166	27348	26630	
G 15.0	22521	22550	22739	23090	23604	24278	25120	26133	27295	28607	27295	26133	25120	
G 20.0	20457	20494	20714	21129	21751	22575	23606	24861	26339	28048	26339	24861	23606	
G 25.0	18485	18533	18785	19256	19955	20887	22070	23534	25294	27387	25294	23534	22070	
G 30.0	16618	16677	16948	17453	18212	19232	20541	22189	24204	26657	24204	22189	20541	
G 35.0	14860	14907	15193	15733	16521	17601	19015	20794	23028	25867	23028	20794	19015	
G 40.0	13167	13218	13508	14062	14886	16003	17469	19370	21809	24992	21809	19370	17469	
G 45.0	11557	11633	11923	12464	13296	14436	15937	17912	20519	24060	20519	17912	15937	
G 50.0	10018	10076	10364	10909	11722	12856	14381	16399	19132	23020	19132	16399	14381	
G 55.0	8190	8374	8773	9390	10183	11276	12794	14842	17680	21889	17680	14842	12794	
G 60.0	6115	6249	6666	7436	8508	9727	11153	13155	16063	20609	16063	13155	11153	
G 65.0	4432	4501	4756	5342	6405	7807	9442	11405	14237	19079	14237	11405	9442	
G 70.0	3058	3096	3295	3684	4304	5577	7481	9437	12149	17325	12149	9437	7481	
G 75.0	2143	2128	2181	2351	2733	3482	4799	6910	9693	14951	9693	6910	4799	
G 80.0	1490	1464	1495	1598	1761	2055	2557	4182	6568	11705	6568	4182	2557	
G 85.0	978	944	944	973	1022	1114	1279	1597	2553	6385	2553	1597	1279	
G 90.0	612	585	572	568	561	552	529	468	509	1531	509	468	529	

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Source Flux		2586 lm		Maximum value		248.40 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	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657
G 5.0	27802	27528	27316	27170	27092	27084	27092	27170	27316	27528	27802	28133	28531													
G 10.0	26030	25526	25131	24881	24746	24715	24746	24881	25131	25526	26030	26630	27348													
G 15.0	24278	23604	23090	22739	22550	22521	22550	22739	23090	23604	24278	25120	26133													
G 20.0	22575	21751	21129	20714	20494	20457	20494	20714	21129	21751	22575	23606	24861													
G 25.0	20887	19955	19256	18785	18533	18485	18533	18785	19256	19955	20887	22070	23534													
G 30.0	19232	18212	17453	16948	16677	16618	16677	16948	17453	18212	19232	20541	22189													
G 35.0	17601	16521	15733	15193	14907	14860	14907	15193	15733	16521	17601	19015	20794													
G 40.0	16003	14886	14062	13508	13218	13167	13218	13508	14062	14886	16003	17469	19370													
G 45.0	14436	13296	12464	11923	11633	11557	11633	11923	12464	13296	14436	15937	17912													
G 50.0	12856	11722	10909	10364	10076	10018	10076	10364	10909	11722	12856	14381	16399													
G 55.0	11276	10183	9390	8773	8374	8190	8374	8773	9390	10183	11276	12794	14842													
G 60.0	9727	8508	7436	6666	6249	6115	6249	6666	7436	8508	9727	11153	13155													
G 65.0	7807	6405	5342	4756	4501	4432	4501	4756	5342	6405	7807	9442	11405													
G 70.0	5577	4304	3684	3295	3096	3058	3096	3295	3684	4304	5577	7481	9437													
G 75.0	3482	2733	2351	2181	2128	2143	2128	2181	2351	2733	3482	4799	6910													
G 80.0	2055	1761	1598	1495	1464	1490	1464	1495	1598	1761	2055	2557	4182													
G 85.0	1114	1022	973	944	944	978	944	944	973	1022	1114	1279	1597													
G 90.0	552	561	568	572	585	612	585	572	568	561	552	529	468													

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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	29657	29657	29657	29657	29657	29657	29657	29657	29657	29657
G 5.0	28964	29421	28964	28531	28133	27802	27528	27316	27170	27092
G 10.0	28166	29063	28166	27348	26630	26030	25526	25131	24881	24746
G 15.0	27295	28607	27295	26133	25120	24278	23604	23090	22739	22550
G 20.0	26339	28048	26339	24861	23606	22575	21751	21129	20714	20494
G 25.0	25294	27387	25294	23534	22070	20887	19955	19256	18785	18533
G 30.0	24204	26657	24204	22189	20541	19232	18212	17453	16948	16677
G 35.0	23028	25867	23028	20794	19015	17601	16521	15733	15193	14907
G 40.0	21809	24992	21809	19370	17469	16003	14886	14062	13508	13218
G 45.0	20519	24060	20519	17912	15937	14436	13296	12464	11923	11633
G 50.0	19132	23020	19132	16399	14381	12856	11722	10909	10364	10076
G 55.0	17680	21889	17680	14842	12794	11276	10183	9390	8773	8374
G 60.0	16063	20609	16063	13155	11153	9727	8508	7436	6666	6249
G 65.0	14237	19079	14237	11405	9442	7807	6405	5342	4756	4501
G 70.0	12149	17325	12149	9437	7481	5577	4304	3684	3295	3096
G 75.0	9693	14951	9693	6910	4799	3482	2733	2351	2181	2128
G 80.0	6568	11705	6568	4182	2557	2055	1761	1598	1495	1464
G 85.0	2553	6385	2553	1597	1279	1114	1022	973	944	944
G 90.0	509	1531	509	468	529	552	561	568	572	585