

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>STELLA 66 L1573W145 DC0 HF 840</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	12-03-2019	<b>Length:</b>	1573 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	145 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	101 mm
<b>Number:</b>	1	<b>Power:</b>	65,87 W
<b>Lamp flux:</b>	10000,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	12-03-2019 11:24:50	<b>Output ratio:</b>	86,2 %

## Protocol

**LiTG-class:** B31  
**UTE-class:** 0,75 H + 0,11 T  
**IES-class:** 39 - 67 - 87 - 87 - 86  
**TM5-class:** BZ5/0.75/BZ6

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	96,0°	162,9°
Half peak side angle (left)	-48,0°	-81,4°
Half peak side angle (right)	48,0°	81,4°
One tenth peak divergence	144,5°	238,5°
Tenth peak side angle (left)	-72,2°	-119,3°
Tenth peak side angle (right)	72,2°	119,3°

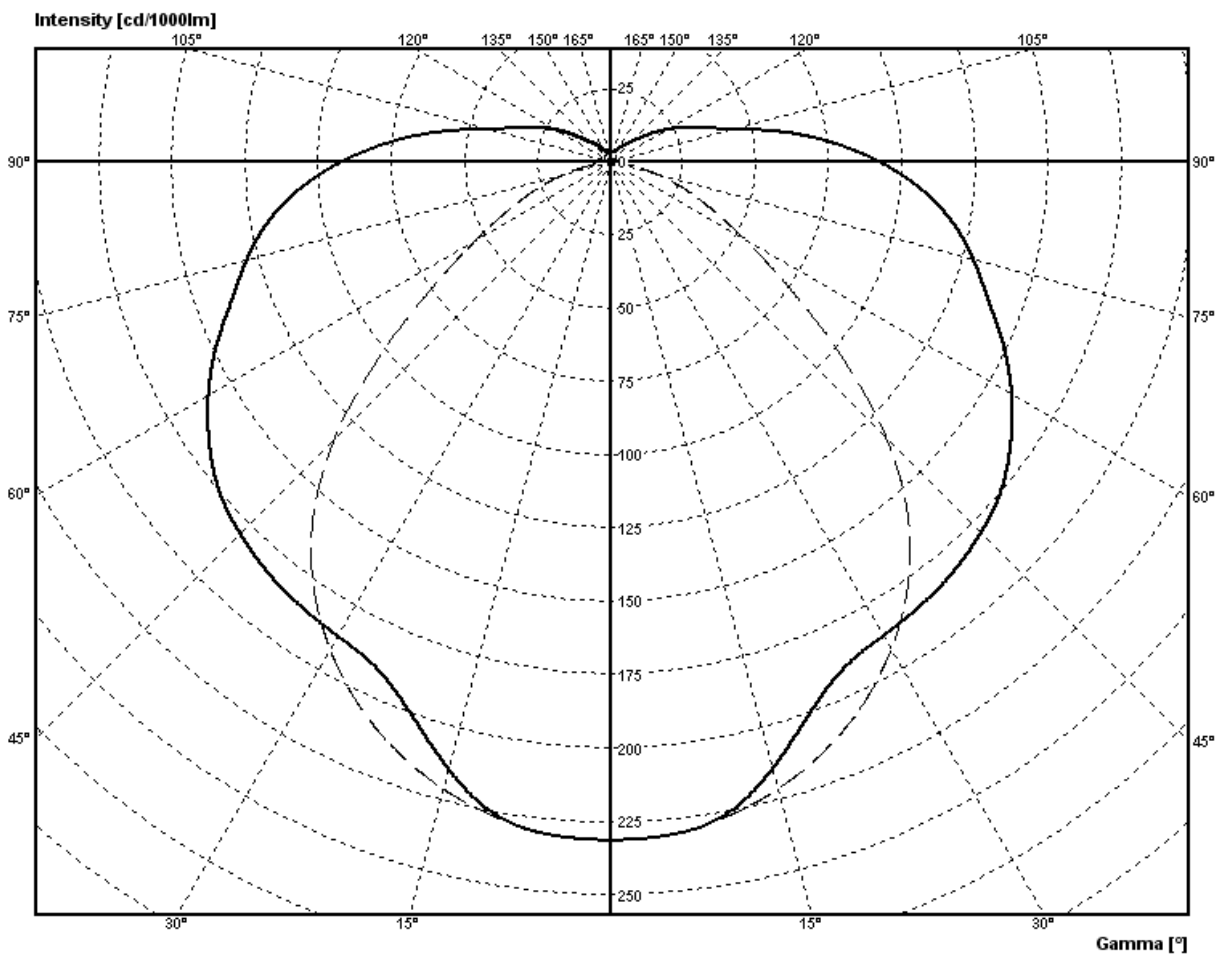
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<b>Gamma:</b>	0,0°	5,0°	10,0°	15,0°	20,0°	25,0°	30,0°	35,0°	40,0°	45,0°
	50,0°	55,0°	60,0°	65,0°	70,0°	75,0°	80,0°	85,0°	90,0°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram STELLA 66 L1573W145 DC0 HF 840 / Total in 15° C / 5° G



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## UGR Unified Glare Ratios

<b>Ceiling reflectance</b>		<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>	<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>
<b>Wall reflectance</b>		<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>
<b>Floor cavity reflectance</b>		<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>
<b>Room dimension</b>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	18,3	19,8	18,9	20,4	21,0	15,7	17,2	16,3	17,7	18,3
<b>2H</b>	<b>3H</b>	20,6	22,0	21,2	22,5	23,2	16,7	18,0	17,2	18,6	19,2
<b>2H</b>	<b>4H</b>	21,8	23,0	22,3	23,6	24,3	17,0	18,3	17,5	18,8	19,5
<b>2H</b>	<b>6H</b>	22,9	24,1	23,5	24,7	25,4	17,2	18,4	17,8	19,0	19,6
<b>2H</b>	<b>8H</b>	23,4	24,6	24,0	25,2	25,8	17,2	18,4	17,8	19,0	19,6
<b>2H</b>	<b>12H</b>	23,9	25,0	24,5	25,6	26,3	17,2	18,3	17,8	18,9	19,6
<b>4H</b>	<b>2H</b>	18,9	20,2	19,5	20,8	21,4	17,0	18,2	17,5	18,8	19,5
<b>4H</b>	<b>3H</b>	21,4	22,5	22,0	23,1	23,8	18,2	19,3	18,8	19,9	20,6
<b>4H</b>	<b>4H</b>	22,8	23,8	23,4	24,4	25,1	18,7	19,7	19,3	20,3	21,1
<b>4H</b>	<b>6H</b>	24,1	25,0	24,7	25,7	26,4	19,0	19,9	19,6	20,5	21,2
<b>4H</b>	<b>8H</b>	24,7	25,6	25,4	26,2	27,0	19,0	19,9	19,7	20,6	21,3
<b>4H</b>	<b>12H</b>	25,4	26,2	26,0	26,8	27,6	19,1	19,9	19,8	20,6	21,3
<b>8H</b>	<b>4H</b>	23,0	23,9	23,7	24,5	25,3	19,7	20,6	20,3	21,2	21,9
<b>8H</b>	<b>6H</b>	24,6	25,3	25,2	26,0	26,7	20,3	21,0	20,9	21,7	22,4
<b>8H</b>	<b>8H</b>	25,4	26,1	26,1	26,8	27,5	20,5	21,2	21,2	21,9	22,6
<b>8H</b>	<b>12H</b>	26,3	26,8	26,9	27,5	28,3	20,7	21,2	21,3	21,9	22,7
<b>12H</b>	<b>4H</b>	23,1	23,9	23,7	24,5	25,3	20,0	20,8	20,6	21,4	22,2
<b>12H</b>	<b>6H</b>	24,7	25,4	25,4	26,0	26,8	20,8	21,4	21,4	22,1	22,9
<b>12H</b>	<b>8H</b>	25,6	26,2	26,3	26,8	27,6	21,1	21,7	21,8	22,4	23,1

UGR values are corrected for lamp flux of 10000 lm by 8,0

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Luminance [cd/m<sup>2</sup>] STELLA 66 L1573W145 DC0 HF 840 / Total in 15° C / 5° G

G/C [cd/	0,00	15,00	30,00	45,00	60,00	75,00	90,00	105,00	120,00
45,00	6534,43	6408,52	6206,34	5933,45	5602,89	6035,10	7781,59	6035,10	5602,89
50,00	6494,25	6366,34	6126,42	5769,87	5276,45	5468,09	6557,42	5468,09	5276,45
55,00	6401,33	6284,88	6033,62	5590,41	4942,66	4912,28	5219,84	4912,28	4942,66
60,00	6296,66	6142,67	5876,34	5409,81	4568,16	4310,77	4233,96	4310,77	4568,16
65,00	6175,89	6004,35	5676,17	5222,03	4212,05	3724,15	3533,01	3724,15	4212,05
70,00	6054,03	5877,85	5497,43	5009,22	3943,27	3157,01	2997,67	3157,01	3943,27
75,00	6051,36	5789,05	5329,18	4753,80	3767,87	2546,84	2415,32	2546,84	3767,87
80,00	6070,06	5821,33	5237,81	4516,52	3672,68	1975,92	1768,49	1975,92	3672,68
85,00	6002,11	5790,55	5279,40	4385,20	3629,13	1590,81	1360,68	1590,81	3629,13

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5933,45	6206,34	6408,52	6534,43	6408,52	6206,34	5933,45	5602,89	6035,10
50,00	5769,87	6126,42	6366,34	6494,25	6366,34	6126,42	5769,87	5276,45	5468,09
55,00	5590,41	6033,62	6284,88	6401,33	6284,88	6033,62	5590,41	4942,66	4912,28
60,00	5409,81	5876,34	6142,67	6296,66	6142,67	5876,34	5409,81	4568,16	4310,77
65,00	5222,03	5676,17	6004,35	6175,89	6004,35	5676,17	5222,03	4212,05	3724,15
70,00	5009,22	5497,43	5877,85	6054,03	5877,85	5497,43	5009,22	3943,27	3157,01
75,00	4753,80	5329,18	5789,05	6051,36	5789,05	5329,18	4753,80	3767,87	2546,84
80,00	4516,52	5237,81	5821,33	6070,06	5821,33	5237,81	4516,52	3672,68	1975,92
85,00	4385,20	5279,40	5790,55	6002,11	5790,55	5279,40	4385,20	3629,13	1590,81

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	7781,59	6035,10	5602,89	5933,45	6206,34	6408,52
50,00	6557,42	5468,09	5276,45	5769,87	6126,42	6366,34
55,00	5219,84	4912,28	4942,66	5590,41	6033,62	6284,88
60,00	4233,96	4310,77	4568,16	5409,81	5876,34	6142,67
65,00	3533,01	3724,15	4212,05	5222,03	5676,17	6004,35
70,00	2997,67	3157,01	3943,27	5009,22	5497,43	5877,85
75,00	2415,32	2546,84	3767,87	4753,80	5329,18	5789,05
80,00	1768,49	1975,92	3672,68	4516,52	5237,81	5821,33
85,00	1360,68	1590,81	3629,13	4385,20	5279,40	5790,55

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