

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>CONCEPT O 65 D0600 GCONTROL+ 840</b>		
<b>Number:</b>	90625L600	<b>Diameter:</b>	600 mm
<b>Report:</b>	31-05-2021	<b>Length:</b>	0 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	0 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	85 mm
<b>Number:</b>	1	<b>Power:</b>	37,39 W
<b>Lamp flux:</b>	6300,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	31-05-2021 11:52:14	<b>Output ratio:</b>	54,0 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,54 D  
**IES-class:** 58 - 87 - 97 - 100 - 54  
**TM5-class:** BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	93,0°	92,7°
<b>Half peak side angle (left)</b>	-46,5°	-46,4°
<b>Half peak side angle (right)</b>	46,5°	46,4°
<b>One tenth peak divergence</b>	146,6°	146,0°
<b>Tenth peak side angle (left)</b>	-73,3°	-73,0°
<b>Tenth peak side angle (right)</b>	73,3°	73,0°

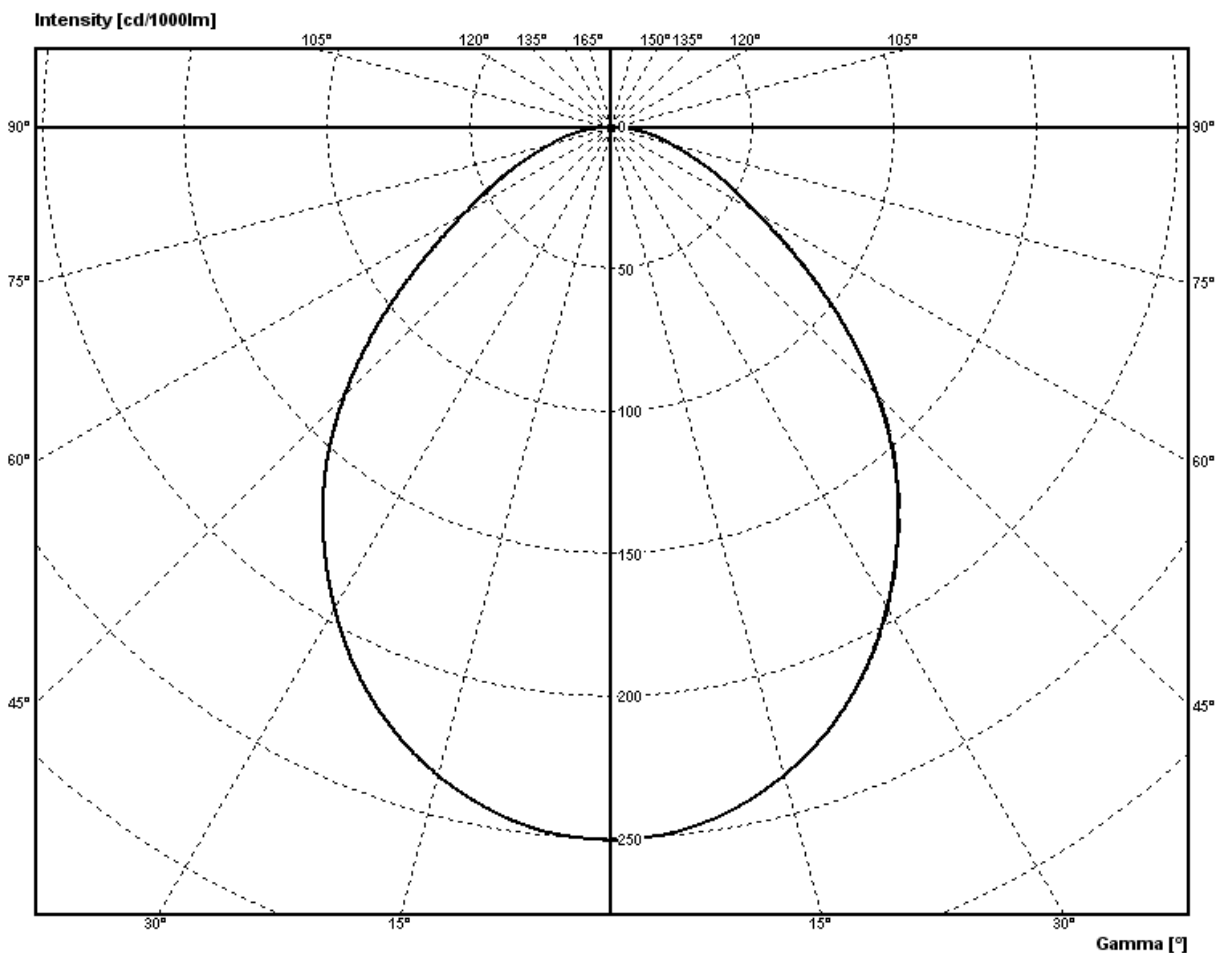
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	

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Polar diagram CONCEPT O 65 D0600 GCONTROL+ 840 / Direct 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>	16,2	17,7	16,5	18,0	18,3	16,2	17,7	16,6	18,0	18,3
<b>2H</b>	<b>3H</b>	17,1	18,5	17,5	18,8	19,2	17,1	18,5	17,5	18,8	19,2
<b>2H</b>	<b>4H</b>	17,5	18,8	17,9	19,2	19,5	17,5	18,8	17,9	19,2	19,5
<b>2H</b>	<b>6H</b>	17,9	19,1	18,3	19,4	19,8	17,9	19,1	18,3	19,5	19,8
<b>2H</b>	<b>8H</b>	18,0	19,1	18,4	19,5	19,9	18,0	19,1	18,4	19,5	19,9
<b>2H</b>	<b>12H</b>	18,1	19,1	18,5	19,5	19,9	18,1	19,2	18,5	19,6	20,0
<b>4H</b>	<b>2H</b>	16,5	17,7	16,9	18,1	18,5	16,5	17,8	16,9	18,1	18,5
<b>4H</b>	<b>3H</b>	17,6	18,7	18,0	19,1	19,5	17,6	18,7	18,0	19,1	19,5
<b>4H</b>	<b>4H</b>	18,2	19,1	18,6	19,5	20,0	18,2	19,1	18,6	19,6	20,0
<b>4H</b>	<b>6H</b>	18,6	19,5	19,1	19,9	20,4	18,7	19,5	19,1	19,9	20,4
<b>4H</b>	<b>8H</b>	18,8	19,6	19,3	20,0	20,5	18,9	19,6	19,3	20,1	20,6
<b>4H</b>	<b>12H</b>	19,0	19,7	19,5	20,1	20,6	19,0	19,7	19,5	20,2	20,7
<b>8H</b>	<b>4H</b>	18,3	19,1	18,8	19,6	20,0	18,4	19,1	18,8	19,6	20,1
<b>8H</b>	<b>6H</b>	18,9	19,6	19,4	20,1	20,6	19,0	19,6	19,4	20,1	20,6
<b>8H</b>	<b>8H</b>	19,3	19,8	19,8	20,3	20,8	19,3	19,9	19,8	20,4	20,9
<b>8H</b>	<b>12H</b>	19,5	20,0	20,0	20,5	21,0	19,5	20,0	20,1	20,5	21,0
<b>12H</b>	<b>4H</b>	18,4	19,1	18,8	19,5	20,0	18,4	19,1	18,9	19,6	20,1
<b>12H</b>	<b>6H</b>	19,0	19,6	19,6	20,1	20,6	19,1	19,6	19,6	20,1	20,6
<b>12H</b>	<b>8H</b>	19,4	19,8	19,9	20,3	20,9	19,4	19,9	19,9	20,4	20,9

UGR values are corrected for lamp flux of 6300 lm by 6,4

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Luminance [cd/m<sup>2</sup>] CONCEPT O 65 D0600 GCONTROL+ 840 / Direct 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	4458,23	4458,94	4475,59	4502,27	4497,72	4498,52	4491,44	4498,52	4497,72
50,00	3942,14	3963,03	3796,54	3535,09	3811,75	3980,42	3942,14	3980,42	3811,75
55,00	3332,70	3504,80	3058,85	2572,92	2961,09	3500,63	3396,40	3500,63	2961,09
60,00	2794,92	2922,85	2383,65	2300,99	2399,29	2975,65	2818,41	2975,65	2399,29
65,00	2466,88	2480,15	1993,19	2190,18	2076,50	2501,20	2377,35	2501,20	2076,50
70,00	2147,87	2260,34	1965,36	2033,54	2009,21	2214,12	2201,28	2214,12	2009,21
75,00	1951,03	2014,81	1909,45	1919,11	1934,64	2009,34	1996,41	2009,34	1934,64
80,00	1953,68	1925,70	1948,64	1982,00	1963,66	1966,56	1976,22	1966,56	1963,66
85,00	1766,59	1847,32	1982,37	1802,44	1974,89	1906,73	1796,53	1906,73	1974,89

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4502,27	4475,59	4458,94	4458,23	4458,94	4475,59	4502,27	4497,72	4498,52
50,00	3535,09	3796,54	3963,03	3942,14	3963,03	3796,54	3535,09	3811,75	3980,42
55,00	2572,92	3058,85	3504,80	3332,70	3504,80	3058,85	2572,92	2961,09	3500,63
60,00	2300,99	2383,65	2922,85	2794,92	2922,85	2383,65	2300,99	2399,29	2975,65
65,00	2190,18	1993,19	2480,15	2466,88	2480,15	1993,19	2190,18	2076,50	2501,20
70,00	2033,54	1965,36	2260,34	2147,87	2260,34	1965,36	2033,54	2009,21	2214,12
75,00	1919,11	1909,45	2014,81	1951,03	2014,81	1909,45	1919,11	1934,64	2009,34
80,00	1982,00	1948,64	1925,70	1953,68	1925,70	1948,64	1982,00	1963,66	1966,56
85,00	1802,44	1982,37	1847,32	1766,59	1847,32	1982,37	1802,44	1974,89	1906,73

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4491,44	4498,52	4497,72	4502,27	4475,59	4458,94
50,00	3942,14	3980,42	3811,75	3535,09	3796,54	3963,03
55,00	3396,40	3500,63	2961,09	2572,92	3058,85	3504,80
60,00	2818,41	2975,65	2399,29	2300,99	2383,65	2922,85
65,00	2377,35	2501,20	2076,50	2190,18	1993,19	2480,15
70,00	2201,28	2214,12	2009,21	2033,54	1965,36	2260,34
75,00	1996,41	2009,34	1934,64	1919,11	1909,45	2014,81
80,00	1976,22	1966,56	1963,66	1982,00	1948,64	1925,70
85,00	1796,53	1906,73	1974,89	1802,44	1982,37	1847,32

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