

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>CONCEPT O 65 D0900 GCONTROL+ 830</b>		
<b>Number:</b>	90625L900	<b>Diameter:</b>	900 mm
<b>Report:</b>	01-06-2021	<b>Length:</b>	0 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	0 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	85 mm
<b>Number:</b>	1	<b>Power:</b>	53,44 W
<b>Lamp flux:</b>	8060,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	01-06-2021 14:35:59	<b>Output ratio:</b>	59,3 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,59 D  
**IES-class:** 57 - 86 - 97 - 100 - 59  
**TM5-class:** BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	93,3°	92,7°
<b>Half peak side angle (left)</b>	-46,6°	-46,4°
<b>Half peak side angle (right)</b>	46,6°	46,4°
<b>One tenth peak divergence</b>	145,4°	145,4°
<b>Tenth peak side angle (left)</b>	-72,7°	-72,7°
<b>Tenth peak side angle (right)</b>	72,7°	72,7°

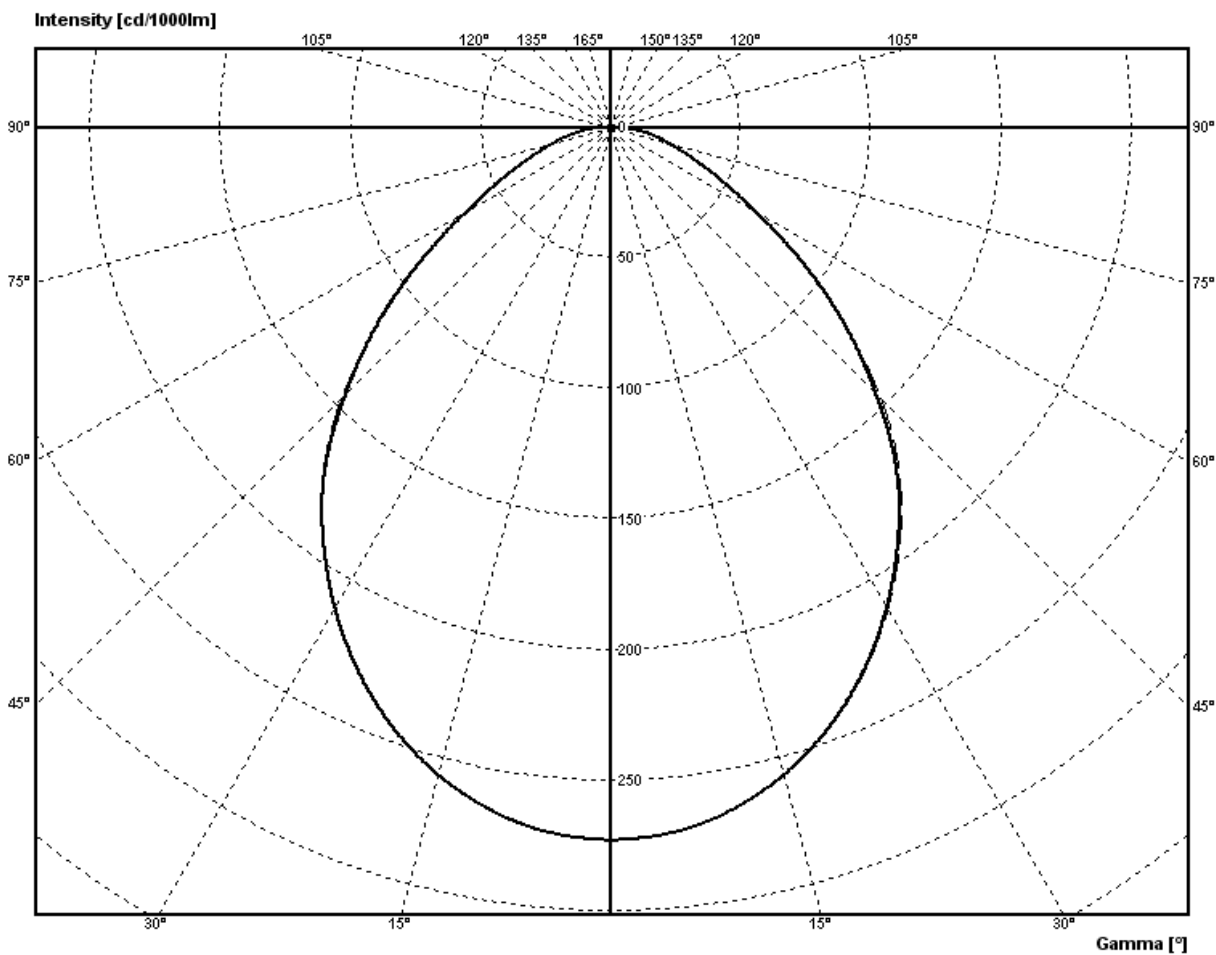
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 D0900 GCONTROL+ 830 / 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>	14,4	15,9	14,7	16,2	16,5	14,4	15,9	14,8	16,2	16,5
<b>2H</b>	<b>3H</b>	15,3	16,6	15,6	17,0	17,3	15,3	16,7	15,7	17,0	17,4
<b>2H</b>	<b>4H</b>	15,7	16,9	16,1	17,3	17,7	15,7	17,0	16,1	17,3	17,7
<b>2H</b>	<b>6H</b>	16,1	17,2	16,5	17,6	18,0	16,1	17,3	16,5	17,6	18,0
<b>2H</b>	<b>8H</b>	16,2	17,3	16,6	17,7	18,1	16,2	17,4	16,6	17,7	18,1
<b>2H</b>	<b>12H</b>	16,3	17,4	16,7	17,8	18,2	16,3	17,4	16,7	17,8	18,2
<b>4H</b>	<b>2H</b>	14,7	16,0	15,1	16,4	16,7	14,8	16,1	15,2	16,4	16,8
<b>4H</b>	<b>3H</b>	15,9	17,0	16,3	17,3	17,7	15,9	17,0	16,3	17,4	17,8
<b>4H</b>	<b>4H</b>	16,5	17,4	16,9	17,8	18,3	16,5	17,4	16,9	17,9	18,3
<b>4H</b>	<b>6H</b>	16,9	17,8	17,4	18,2	18,7	17,0	17,8	17,4	18,3	18,7
<b>4H</b>	<b>8H</b>	17,2	18,0	17,6	18,4	18,9	17,2	18,0	17,7	18,4	18,9
<b>4H</b>	<b>12H</b>	17,4	18,1	17,8	18,5	19,0	17,4	18,1	17,9	18,5	19,1
<b>8H</b>	<b>4H</b>	16,6	17,4	17,1	17,9	18,3	16,7	17,5	17,2	17,9	18,4
<b>8H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	17,3	18,0	17,8	18,4	18,9
<b>8H</b>	<b>8H</b>	17,6	18,2	18,2	18,7	19,2	17,7	18,2	18,2	18,7	19,2
<b>8H</b>	<b>12H</b>	17,9	18,4	18,4	18,9	19,4	17,9	18,4	18,5	18,9	19,4
<b>12H</b>	<b>4H</b>	16,7	17,4	17,2	17,9	18,4	16,7	17,4	17,2	17,9	18,4
<b>12H</b>	<b>6H</b>	17,4	18,0	17,9	18,5	19,0	17,4	18,0	17,9	18,5	19,0
<b>12H</b>	<b>8H</b>	17,8	18,2	18,3	18,7	19,3	17,8	18,3	18,3	18,8	19,3

UGR values are corrected for lamp flux of 8060 lm by 7,3

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Luminance [cd/m<sup>2</sup>] CONCEPT O 65 D0900 GCONTROL+ 830 / 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	2693,63	2718,12	2715,80	2729,37	2737,52	2740,27	2739,33	2740,27	2737,52
50,00	2410,87	2328,28	2305,13	2366,55	2326,06	2352,23	2394,00	2352,23	2326,06
55,00	2067,05	1915,44	1892,14	1966,61	1908,84	1901,82	2052,89	1901,82	1908,84
60,00	1694,06	1571,93	1604,41	1551,78	1660,16	1605,23	1709,31	1605,23	1660,16
65,00	1430,83	1403,36	1474,42	1286,95	1472,43	1439,11	1403,14	1439,11	1472,43
70,00	1256,48	1320,84	1389,40	1231,60	1362,70	1348,18	1248,60	1348,18	1362,70
75,00	1172,56	1242,05	1271,10	1163,44	1278,27	1245,02	1181,68	1245,02	1278,27
80,00	1199,90	1265,70	1253,24	1207,17	1268,53	1240,38	1190,49	1240,38	1268,53
85,00	1266,79	1234,89	1225,72	1270,84	1223,04	1251,92	1293,18	1251,92	1223,04

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	2729,37	2715,80	2718,12	2693,63	2718,12	2715,80	2729,37	2737,52	2740,27
50,00	2366,55	2305,13	2328,28	2410,87	2328,28	2305,13	2366,55	2326,06	2352,23
55,00	1966,61	1892,14	1915,44	2067,05	1915,44	1892,14	1966,61	1908,84	1901,82
60,00	1551,78	1604,41	1571,93	1694,06	1571,93	1604,41	1551,78	1660,16	1605,23
65,00	1286,95	1474,42	1403,36	1430,83	1403,36	1474,42	1286,95	1472,43	1439,11
70,00	1231,60	1389,40	1320,84	1256,48	1320,84	1389,40	1231,60	1362,70	1348,18
75,00	1163,44	1271,10	1242,05	1172,56	1242,05	1271,10	1163,44	1278,27	1245,02
80,00	1207,17	1253,24	1265,70	1199,90	1265,70	1253,24	1207,17	1268,53	1240,38
85,00	1270,84	1225,72	1234,89	1266,79	1234,89	1225,72	1270,84	1223,04	1251,92

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	2739,33	2740,27	2737,52	2729,37	2715,80	2718,12
50,00	2394,00	2352,23	2326,06	2366,55	2305,13	2328,28
55,00	2052,89	1901,82	1908,84	1966,61	1892,14	1915,44
60,00	1709,31	1605,23	1660,16	1551,78	1604,41	1571,93
65,00	1403,14	1439,11	1472,43	1286,95	1474,42	1403,36
70,00	1248,60	1348,18	1362,70	1231,60	1389,40	1320,84
75,00	1181,68	1245,02	1278,27	1163,44	1271,10	1242,05
80,00	1190,49	1240,38	1268,53	1207,17	1253,24	1265,70
85,00	1293,18	1251,92	1223,04	1270,84	1225,72	1234,89

## HEADQUARTERS

INDÚSTRIA ELÉTRICA DE ÁGUEDA S.A.

Rua da Mina 465 | Covão | Zona industrial EN1 Norte

3750-792 Trofa ÁGUEDA | PORTUGAL

www.indelague.com | www.roxolighting.com

indelague@indelague.pt | roxo.london@roxolighting.com

Tel. (+351) 234 612 310

Fax (+351) 234 624 058