

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L2244 MID+INT SYM BLINE 830 HO</b>		
<b>Number:</b>	90507+90497L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2244 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<b>Power:</b>	57,62 W
<b>Lamp flux:</b>	8640,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 14:27:36	<b>Output ratio:</b>	63,1 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,63 E  
**IES-class:** 50 - 80 - 95 - 100 - 63  
**TM5-class:** BZ5/0.75/BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,1°	100,2°
Half peak side angle (left)	-51,0°	-50,1°
Half peak side angle (right)	51,0°	50,1°
One tenth peak divergence	157,2°	160,5°
Tenth peak side angle (left)	-78,6°	-80,3°
Tenth peak side angle (right)	78,6°	80,3°

<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°	

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Polar diagram REBA 50 /T EXT LINE L2244 MID+INT SYM BLINE 830 HO / 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>	16,9	18,5	17,2	18,8	19,1	19,5	21,1	19,9	21,5	21,8
<b>2H</b>	<b>3H</b>	17,8	19,3	18,2	19,6	19,9	20,9	22,4	21,3	22,7	23,1
<b>2H</b>	<b>4H</b>	18,1	19,5	18,5	19,8	20,2	21,4	22,8	21,8	23,2	23,5
<b>2H</b>	<b>6H</b>	18,3	19,6	18,7	20,0	20,4	21,8	23,1	22,2	23,4	23,8
<b>2H</b>	<b>8H</b>	18,3	19,6	18,7	19,9	20,3	21,9	23,1	22,3	23,5	23,9
<b>2H</b>	<b>12H</b>	18,3	19,5	18,8	19,9	20,3	21,9	23,1	22,3	23,5	23,9
<b>4H</b>	<b>2H</b>	17,5	18,9	17,9	19,3	19,6	19,7	21,1	20,1	21,5	21,8
<b>4H</b>	<b>3H</b>	18,6	19,8	19,0	20,2	20,6	21,2	22,4	21,6	22,8	23,2
<b>4H</b>	<b>4H</b>	19,0	20,1	19,5	20,5	20,9	21,9	22,9	22,3	23,3	23,7
<b>4H</b>	<b>6H</b>	19,3	20,2	19,7	20,6	21,1	22,2	23,2	22,7	23,6	24,0
<b>4H</b>	<b>8H</b>	19,3	20,2	19,8	20,6	21,1	22,3	23,2	22,8	23,7	24,1
<b>4H</b>	<b>12H</b>	19,4	20,2	19,9	20,6	21,1	22,4	23,2	22,9	23,7	24,2
<b>8H</b>	<b>4H</b>	19,2	20,1	19,7	20,5	21,0	21,9	22,7	22,3	23,2	23,6
<b>8H</b>	<b>6H</b>	19,5	20,3	20,0	20,7	21,2	22,3	23,0	22,8	23,5	24,0
<b>8H</b>	<b>8H</b>	19,7	20,3	20,2	20,8	21,3	22,5	23,1	23,0	23,6	24,1
<b>8H</b>	<b>12H</b>	19,8	20,3	20,3	20,8	21,3	22,6	23,1	23,1	23,6	24,1
<b>12H</b>	<b>4H</b>	19,2	20,0	19,7	20,5	21,0	21,9	22,7	22,3	23,1	23,6
<b>12H</b>	<b>6H</b>	19,6	20,2	20,1	20,8	21,2	22,3	23,0	22,8	23,5	24,0
<b>12H</b>	<b>8H</b>	19,7	20,3	20,3	20,8	21,3	22,5	23,0	23,0	23,5	24,0

UGR values are corrected for lamp flux of 8640 lm by 7,5

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2244 MID+INT SYM BLINE 830 HO / 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	4826,14	4934,06	5334,36	6116,77	7516,41	10189,5	16436,1	10189,5	7516,41
50,00	4088,02	4185,86	4540,52	5242,72	6538,05	9093,82	15670,5	9093,82	6538,05
55,00	3421,13	3511,43	3819,02	4441,65	5603,32	8018,19	14845,3	8018,19	5603,32
60,00	2821,45	2891,44	3155,77	3685,03	4713,54	6912,36	13951,2	6912,36	4713,54
65,00	2260,17	2316,26	2528,47	2968,14	3831,94	5765,87	12886,6	5765,87	3831,94
70,00	1731,25	1777,07	1939,20	2281,27	2967,80	4578,92	11553,0	4578,92	2967,80
75,00	1247,60	1274,40	1388,83	1624,22	2118,97	3326,08	9851,24	3326,08	2118,97
80,00	811,61	822,21	891,63	1022,49	1319,25	2079,09	7586,48	2079,09	1319,25
85,00	438,55	440,35	468,43	517,73	643,01	951,31	4703,98	951,31	643,01

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6116,77	5334,36	4934,06	4826,14	4934,06	5334,36	6116,77	7516,41	10189,5
50,00	5242,72	4540,52	4185,86	4088,02	4185,86	4540,52	5242,72	6538,05	9093,82
55,00	4441,65	3819,02	3511,43	3421,13	3511,43	3819,02	4441,65	5603,32	8018,19
60,00	3685,03	3155,77	2891,44	2821,45	2891,44	3155,77	3685,03	4713,54	6912,36
65,00	2968,14	2528,47	2316,26	2260,17	2316,26	2528,47	2968,14	3831,94	5765,87
70,00	2281,27	1939,20	1777,07	1731,25	1777,07	1939,20	2281,27	2967,80	4578,92
75,00	1624,22	1388,83	1274,40	1247,60	1274,40	1388,83	1624,22	2118,97	3326,08
80,00	1022,49	891,63	822,21	811,61	822,21	891,63	1022,49	1319,25	2079,09
85,00	517,73	468,43	440,35	438,55	440,35	468,43	517,73	643,01	951,31

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16436,1	10189,5	7516,41	6116,77	5334,36	4934,06
50,00	15670,5	9093,82	6538,05	5242,72	4540,52	4185,86
55,00	14845,3	8018,19	5603,32	4441,65	3819,02	3511,43
60,00	13951,2	6912,36	4713,54	3685,03	3155,77	2891,44
65,00	12886,6	5765,87	3831,94	2968,14	2528,47	2316,26
70,00	11553,0	4578,92	2967,80	2281,27	1939,20	1777,07
75,00	9851,24	3326,08	2118,97	1624,22	1388,83	1274,40
80,00	7586,48	2079,09	1319,25	1022,49	891,63	822,21
85,00	4703,98	951,31	643,01	517,73	468,43	440,35

## HEADQUARTERS

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