

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L2262 SRT/END+INT SYM BGLARE K3 830 HO		
<b>Number:</b>	90507-83+90498L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2262 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 14:42:44	<b>Output ratio:</b>	62,2 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,62 C  
**IES-class:** 63 - 88 - 97 - 100 - 62  
**TM5-class:** BZ2/1.50/BZ3/2.00/BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,9°	80,3°
Half peak side angle (left)	-40,5°	-40,1°
Half peak side angle (right)	40,5°	40,1°
One tenth peak divergence	133,0°	138,4°
Tenth peak side angle (left)	-66,5°	-69,2°
Tenth peak side angle (right)	66,5°	69,2°

<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 L2262 SRT/END+INT SYM BGLARE K3 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>	15,7	17,2	16,1	17,5	17,8	17,9	19,3	18,2	19,6	20,0
<b>2H</b>	<b>3H</b>	16,2	17,5	16,5	17,8	18,1	18,5	19,8	18,9	20,1	20,5
<b>2H</b>	<b>4H</b>	16,3	17,5	16,7	17,9	18,3	18,7	19,9	19,1	20,3	20,6
<b>2H</b>	<b>6H</b>	16,4	17,6	16,8	17,9	18,3	18,9	20,0	19,3	20,4	20,8
<b>2H</b>	<b>8H</b>	16,4	17,5	16,8	17,9	18,3	18,9	20,0	19,3	20,4	20,8
<b>2H</b>	<b>12H</b>	16,4	17,4	16,8	17,8	18,2	18,9	20,0	19,4	20,4	20,8
<b>4H</b>	<b>2H</b>	16,0	17,3	16,4	17,6	18,0	17,9	19,2	18,3	19,5	19,9
<b>4H</b>	<b>3H</b>	16,6	17,6	17,0	18,0	18,4	18,6	19,6	19,0	20,0	20,4
<b>4H</b>	<b>4H</b>	16,9	17,8	17,3	18,2	18,6	18,9	19,8	19,4	20,3	20,7
<b>4H</b>	<b>6H</b>	17,0	17,8	17,4	18,2	18,7	19,1	20,0	19,6	20,4	20,8
<b>4H</b>	<b>8H</b>	17,0	17,8	17,5	18,2	18,7	19,2	20,0	19,7	20,4	20,9
<b>4H</b>	<b>12H</b>	17,0	17,7	17,5	18,2	18,7	19,3	20,0	19,8	20,4	20,9
<b>8H</b>	<b>4H</b>	16,9	17,6	17,4	18,1	18,6	18,9	19,6	19,4	20,1	20,6
<b>8H</b>	<b>6H</b>	17,1	17,7	17,6	18,2	18,7	19,1	19,8	19,6	20,2	20,7
<b>8H</b>	<b>8H</b>	17,2	17,7	17,7	18,3	18,7	19,3	19,8	19,8	20,3	20,8
<b>8H</b>	<b>12H</b>	17,2	17,7	17,8	18,2	18,7	19,3	19,8	19,9	20,3	20,8
<b>12H</b>	<b>4H</b>	16,9	17,6	17,4	18,0	18,5	18,9	19,6	19,4	20,0	20,5
<b>12H</b>	<b>6H</b>	17,1	17,7	17,7	18,2	18,7	19,2	19,7	19,7	20,2	20,7
<b>12H</b>	<b>8H</b>	17,2	17,7	17,7	18,2	18,7	19,3	19,7	19,8	20,2	20,7

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 L2262 SRT/END+INT SYM BGLARE K3 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	4581,99	4684,79	5180,37	6004,55	7237,74	9551,64	15262,2	9551,64	7237,74
50,00	3404,15	3476,14	3821,44	4465,81	5435,73	7271,12	12348,9	7271,12	5435,73
55,00	2501,55	2545,42	2832,60	3256,68	3992,66	5415,69	9955,98	5415,69	3992,66
60,00	1842,81	1851,04	2086,65	2362,28	2907,05	4004,42	8124,65	4004,42	2907,05
65,00	1346,70	1350,30	1506,71	1698,75	2105,60	2974,15	6634,27	2974,15	2105,60
70,00	997,96	1014,74	1113,91	1241,02	1537,92	2203,49	5489,76	2203,49	1537,92
75,00	727,79	748,89	807,54	892,31	1103,01	1644,39	4690,91	1644,39	1103,01
80,00	490,61	489,13	541,42	583,08	738,64	1134,14	3916,03	1134,14	738,64
85,00	258,74	261,79	293,72	309,00	388,77	594,45	2863,61	594,45	388,77

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6004,55	5180,37	4684,79	4581,99	4684,79	5180,37	6004,55	7237,74	9551,64
50,00	4465,81	3821,44	3476,14	3404,15	3476,14	3821,44	4465,81	5435,73	7271,12
55,00	3256,68	2832,60	2545,42	2501,55	2545,42	2832,60	3256,68	3992,66	5415,69
60,00	2362,28	2086,65	1851,04	1842,81	1851,04	2086,65	2362,28	2907,05	4004,42
65,00	1698,75	1506,71	1350,30	1346,70	1350,30	1506,71	1698,75	2105,60	2974,15
70,00	1241,02	1113,91	1014,74	997,96	1014,74	1113,91	1241,02	1537,92	2203,49
75,00	892,31	807,54	748,89	727,79	748,89	807,54	892,31	1103,01	1644,39
80,00	583,08	541,42	489,13	490,61	489,13	541,42	583,08	738,64	1134,14
85,00	309,00	293,72	261,79	258,74	261,79	293,72	309,00	388,77	594,45

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15262,2	9551,64	7237,74	6004,55	5180,37	4684,79
50,00	12348,9	7271,12	5435,73	4465,81	3821,44	3476,14
55,00	9955,98	5415,69	3992,66	3256,68	2832,60	2545,42
60,00	8124,65	4004,42	2907,05	2362,28	2086,65	1851,04
65,00	6634,27	2974,15	2105,60	1698,75	1506,71	1350,30
70,00	5489,76	2203,49	1537,92	1241,02	1113,91	1014,74
75,00	4690,91	1644,39	1103,01	892,31	807,54	748,89
80,00	3916,03	1134,14	738,64	583,08	541,42	489,13
85,00	2863,61	594,45	388,77	309,00	293,72	261,79

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