

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L2524 MID+INT SYM BFLEX K3 830 HO</b>		
<b>Number:</b>	90507+90499L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2524 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>	65,74 W
<b>Lamp flux:</b>	9720,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 14:11:52	<b>Output ratio:</b>	64,1 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,64 E  
**IES-class:** 46 - 76 - 93 - 100 - 64  
**TM5-class:** BZ4/0.75/BZ5

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	109,0°	113,2°
Half peak side angle (left)	-54,5°	-56,6°
Half peak side angle (right)	54,5°	56,6°
One tenth peak divergence	163,2°	174,7°
Tenth peak side angle (left)	-81,6°	-87,3°
Tenth peak side angle (right)	81,6°	87,3°

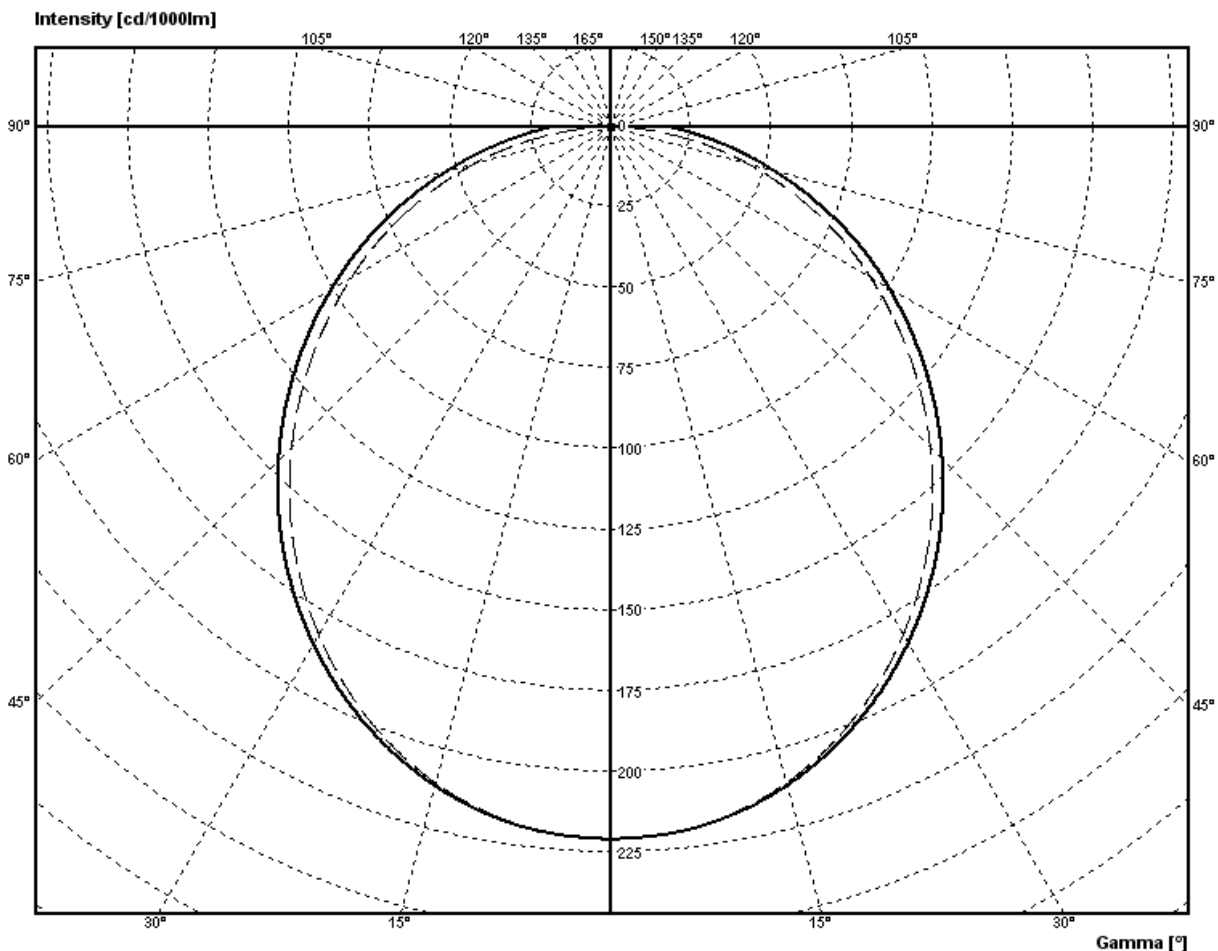
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2524 MID+INT SYM BFLEX K3 830 HO / Direction 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>	17,2	18,8	17,5	19,1	19,5	19,5	21,1	19,8	21,4	21,8
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,2	20,5	21,1	22,6	21,4	22,9	23,3
<b>2H</b>	<b>4H</b>	18,8	20,2	19,2	20,6	20,9	21,7	23,2	22,1	23,5	23,9
<b>2H</b>	<b>6H</b>	19,1	20,5	19,6	20,8	21,2	22,3	23,6	22,7	24,0	24,4
<b>2H</b>	<b>8H</b>	19,2	20,5	19,6	20,9	21,3	22,4	23,7	22,8	24,1	24,5
<b>2H</b>	<b>12H</b>	19,3	20,6	19,7	20,9	21,3	22,5	23,7	22,9	24,1	24,5
<b>4H</b>	<b>2H</b>	17,9	19,3	18,3	19,7	20,0	19,8	21,2	20,1	21,5	21,9
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,8	21,2	21,4	22,7	21,9	23,1	23,5
<b>4H</b>	<b>4H</b>	19,8	20,9	20,2	21,3	21,7	22,3	23,4	22,7	23,8	24,2
<b>4H</b>	<b>6H</b>	20,2	21,2	20,7	21,6	22,1	22,8	23,8	23,3	24,2	24,7
<b>4H</b>	<b>8H</b>	20,4	21,3	20,8	21,7	22,2	23,0	23,9	23,5	24,4	24,8
<b>4H</b>	<b>12H</b>	20,5	21,4	21,0	21,8	22,3	23,2	24,0	23,6	24,5	25,0
<b>8H</b>	<b>4H</b>	20,0	21,0	20,5	21,4	21,9	22,3	23,2	22,8	23,7	24,1
<b>8H</b>	<b>6H</b>	20,6	21,4	21,0	21,8	22,3	22,9	23,7	23,4	24,2	24,7
<b>8H</b>	<b>8H</b>	20,9	21,5	21,4	22,1	22,5	23,2	23,9	23,8	24,4	24,9
<b>8H</b>	<b>12H</b>	21,1	21,6	21,6	22,2	22,7	23,4	24,0	23,9	24,5	25,0
<b>12H</b>	<b>4H</b>	20,1	20,9	20,6	21,4	21,9	22,3	23,2	22,8	23,6	24,1
<b>12H</b>	<b>6H</b>	20,7	21,4	21,2	21,9	22,4	23,0	23,7	23,5	24,2	24,7
<b>12H</b>	<b>8H</b>	20,9	21,5	21,5	22,0	22,5	23,3	23,9	23,8	24,4	24,9

UGR values are corrected for lamp flux of 9720 lm by 7,9

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2524 MID+INT SYM BFLEX 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	4954,62	5050,26	5390,68	6089,27	7359,58	9877,50	15861,4	9877,50	7359,58
50,00	4309,42	4395,80	4704,27	5325,58	6534,95	8972,45	15410,9	8972,45	6534,95
55,00	3708,88	3788,01	4057,93	4631,74	5715,55	8077,67	14919,0	8077,67	5715,55
60,00	3157,42	3219,97	3456,62	3952,40	4938,61	7133,93	14404,8	7133,93	4938,61
65,00	2633,22	2683,93	2882,69	3304,74	4165,64	6161,33	13826,2	6161,33	4165,64
70,00	2126,38	2167,14	2332,62	2678,94	3397,52	5142,47	13020,0	5142,47	3397,52
75,00	1652,89	1679,71	1798,11	2050,73	2606,59	4040,31	12065,0	4040,31	2606,59
80,00	1225,32	1238,43	1306,06	1453,19	1807,88	2816,55	10417,2	2816,55	1807,88
85,00	851,17	852,44	878,30	924,36	1068,40	1524,05	7080,19	1524,05	1068,40

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6089,27	5390,68	5050,26	4954,62	5050,26	5390,68	6089,27	7359,58	9877,50
50,00	5325,58	4704,27	4395,80	4309,42	4395,80	4704,27	5325,58	6534,95	8972,45
55,00	4631,74	4057,93	3788,01	3708,88	3788,01	4057,93	4631,74	5715,55	8077,67
60,00	3952,40	3456,62	3219,97	3157,42	3219,97	3456,62	3952,40	4938,61	7133,93
65,00	3304,74	2882,69	2683,93	2633,22	2683,93	2882,69	3304,74	4165,64	6161,33
70,00	2678,94	2332,62	2167,14	2126,38	2167,14	2332,62	2678,94	3397,52	5142,47
75,00	2050,73	1798,11	1679,71	1652,89	1679,71	1798,11	2050,73	2606,59	4040,31
80,00	1453,19	1306,06	1238,43	1225,32	1238,43	1306,06	1453,19	1807,88	2816,55
85,00	924,36	878,30	852,44	851,17	852,44	878,30	924,36	1068,40	1524,05

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15861,4	9877,50	7359,58	6089,27	5390,68	5050,26
50,00	15410,9	8972,45	6534,95	5325,58	4704,27	4395,80
55,00	14919,0	8077,67	5715,55	4631,74	4057,93	3788,01
60,00	14404,8	7133,93	4938,61	3952,40	3456,62	3219,97
65,00	13826,2	6161,33	4165,64	3304,74	2882,69	2683,93
70,00	13020,0	5142,47	3397,52	2678,94	2332,62	2167,14
75,00	12065,0	4040,31	2606,59	2050,73	1798,11	1679,71
80,00	10417,2	2816,55	1807,88	1453,19	1306,06	1238,43
85,00	7080,19	1524,05	1068,40	924,36	878,30	852,44

## HEADQUARTERS

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