

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L2524 MID+INT SYM BLINE 840 HO		
Number:	90507+90497L009	Diameter:	0 mm
Report:	24-01-2020	Length:	2524 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 840 - 01	Height:	114 mm
Number:	01	Power:	65,74 W
Lamp flux:	10620,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 12:31:16	Output ratio:	62,6 %

## 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	102,2°	100,4°
Half peak side angle (left)	-51,1°	-50,2°
Half peak side angle (right)	51,1°	50,2°
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°

C-planes:	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°						

Gamma:	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 BLINE 840 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>	17,1	18,8	17,5	19,1	19,4	19,8	21,4	20,2	21,8	22,1
<b>2H</b>	<b>3H</b>	18,1	19,5	18,5	19,9	20,2	21,2	22,7	21,6	23,0	23,4
<b>2H</b>	<b>4H</b>	18,4	19,8	18,8	20,1	20,5	21,7	23,1	22,1	23,5	23,8
<b>2H</b>	<b>6H</b>	18,6	19,9	19,0	20,3	20,6	22,1	23,4	22,5	23,7	24,1
<b>2H</b>	<b>8H</b>	18,6	19,9	19,0	20,2	20,6	22,2	23,4	22,6	23,8	24,2
<b>2H</b>	<b>12H</b>	18,6	19,8	19,0	20,2	20,6	22,2	23,4	22,6	23,8	24,2
<b>4H</b>	<b>2H</b>	17,8	19,2	18,2	19,5	19,9	20,0	21,4	20,4	21,8	22,1
<b>4H</b>	<b>3H</b>	18,9	20,1	19,3	20,4	20,9	21,5	22,7	21,9	23,1	23,5
<b>4H</b>	<b>4H</b>	19,3	20,4	19,8	20,8	21,2	22,2	23,2	22,6	23,6	24,1
<b>4H</b>	<b>6H</b>	19,6	20,5	20,0	20,9	21,4	22,5	23,5	23,0	23,9	24,4
<b>4H</b>	<b>8H</b>	19,6	20,5	20,1	20,9	21,4	22,7	23,5	23,1	24,0	24,4
<b>4H</b>	<b>12H</b>	19,7	20,5	20,2	20,9	21,4	22,7	23,5	23,2	24,0	24,5
<b>8H</b>	<b>4H</b>	19,5	20,4	20,0	20,8	21,3	22,2	23,0	22,6	23,5	23,9
<b>8H</b>	<b>6H</b>	19,8	20,6	20,3	21,0	21,5	22,6	23,3	23,1	23,8	24,3
<b>8H</b>	<b>8H</b>	20,0	20,6	20,5	21,1	21,6	22,8	23,4	23,3	23,9	24,4
<b>8H</b>	<b>12H</b>	20,1	20,6	20,6	21,1	21,6	22,9	23,4	23,4	23,9	24,4
<b>12H</b>	<b>4H</b>	19,5	20,3	20,0	20,8	21,3	22,2	23,0	22,6	23,4	23,9
<b>12H</b>	<b>6H</b>	19,9	20,5	20,4	21,0	21,5	22,6	23,3	23,1	23,8	24,3
<b>12H</b>	<b>8H</b>	20,0	20,6	20,6	21,1	21,6	22,8	23,3	23,3	23,8	24,3

UGR values are corrected for lamp flux of 10620 lm by 8,2

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<b>Number:</b>	01	<b>Power:</b>	65,74 W
<b>Lamp flux:</b>	10620,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 12:31:16	<b>Output ratio:</b>	62,6 %

Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2524 MID+INT SYM BLINE 840 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	5239,93	5359,78	5790,36	6638,57	8169,90	11088,0	17900,6	11088,0	8169,90
50,00	4438,12	4547,01	4930,91	5693,39	7107,82	9908,49	17093,6	9908,49	7107,82
55,00	3716,22	3810,19	4148,29	4830,02	6095,93	8735,77	16217,4	8735,77	6095,93
60,00	3065,94	3137,56	3429,66	4006,85	5121,40	7527,92	15268,7	7527,92	5121,40
65,00	2452,13	2515,32	2751,27	3229,18	4176,88	6284,08	14139,8	6284,08	4176,88
70,00	1880,13	1933,50	2109,83	2484,30	3232,36	4992,45	12773,4	4992,45	3232,36
75,00	1351,80	1385,18	1513,53	1769,09	2315,99	3634,27	10869,0	3634,27	2315,99
80,00	878,67	893,71	970,03	1112,91	1449,74	2271,00	8423,54	2271,00	1449,74
85,00	475,48	479,66	513,95	560,10	694,48	1036,86	5308,79	1036,86	694,48

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6638,57	5790,36	5359,78	5239,93	5359,78	5790,36	6638,57	8169,90	11088,0
50,00	5693,39	4930,91	4547,01	4438,12	4547,01	4930,91	5693,39	7107,82	9908,49
55,00	4830,02	4148,29	3810,19	3716,22	3810,19	4148,29	4830,02	6095,93	8735,77
60,00	4006,85	3429,66	3137,56	3065,94	3137,56	3429,66	4006,85	5121,40	7527,92
65,00	3229,18	2751,27	2515,32	2452,13	2515,32	2751,27	3229,18	4176,88	6284,08
70,00	2484,30	2109,83	1933,50	1880,13	1933,50	2109,83	2484,30	3232,36	4992,45
75,00	1769,09	1513,53	1385,18	1351,80	1385,18	1513,53	1769,09	2315,99	3634,27
80,00	1112,91	970,03	893,71	878,67	893,71	970,03	1112,91	1449,74	2271,00
85,00	560,10	513,95	479,66	475,48	479,66	513,95	560,10	694,48	1036,86

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17900,6	11088,0	8169,90	6638,57	5790,36	5359,78
50,00	17093,6	9908,49	7107,82	5693,39	4930,91	4547,01
55,00	16217,4	8735,77	6095,93	4830,02	4148,29	3810,19
60,00	15268,7	7527,92	5121,40	4006,85	3429,66	3137,56
65,00	14139,8	6284,08	4176,88	3229,18	2751,27	2515,32
70,00	12773,4	4992,45	3232,36	2484,30	2109,83	1933,50
75,00	10869,0	3634,27	2315,99	1769,09	1513,53	1385,18
80,00	8423,54	2271,00	1449,74	1112,91	970,03	893,71
85,00	5308,79	1036,86	694,48	560,10	513,95	479,66

## HEADQUARTERS

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