

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L2244 MID+INT SYM BLINE K3 840 HO		
Number:	90507+90497L008	Diameter:	0 mm
Report:	24-01-2020	Length:	2244 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 840 - 01	Height:	114 mm
Number:	01	Power:	57,62 W
Lamp flux:	9440,00 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°

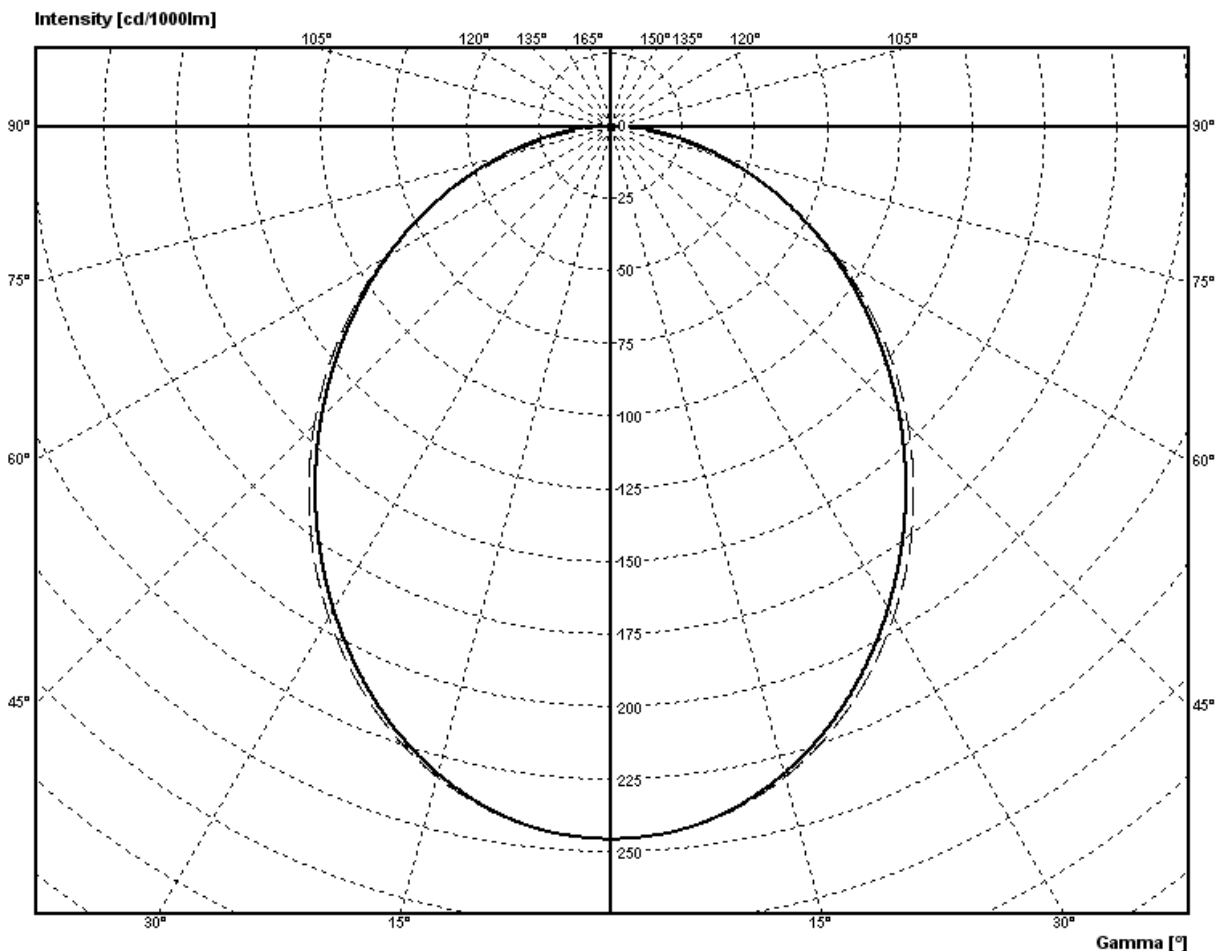
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 L2244 MID+INT SYM BLINE K3 840 HO / Direct iim  
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	21,7	22,0
<b>2H</b>	<b>3H</b>	18,1	19,5	18,5	19,9	20,2	21,2	22,7	21,6	23,0	23,3
<b>2H</b>	<b>4H</b>	18,4	19,8	18,8	20,1	20,5	21,7	23,1	22,1	23,4	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	22,1	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	23,7	24,1
<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	20,8	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	22,1	23,2	22,6	23,6	24,0
<b>4H</b>	<b>6H</b>	19,6	20,5	20,0	20,9	21,4	22,5	23,5	23,0	23,9	24,3
<b>4H</b>	<b>8H</b>	19,6	20,5	20,1	20,9	21,4	22,6	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	24,2
<b>12H</b>	<b>8H</b>	20,0	20,6	20,5	21,1	21,6	22,8	23,3	23,3	23,8	24,3

UGR values are corrected for lamp flux of 9440 lm by 7,8

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2244 MID+INT SYM BLINE K3 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	5238,90	5356,42	5784,07	6627,77	8150,82	11050,1	17801,1	11050,1	8150,82
50,00	4437,24	4544,07	4925,32	5683,62	7090,07	9871,27	16982,0	9871,27	7090,07
55,00	3715,49	3807,65	4143,40	4821,33	6079,73	8699,85	16092,6	8699,85	6079,73
60,00	3065,33	3135,40	3425,46	3999,31	5106,95	7494,12	15128,7	7494,12	5106,95
65,00	2451,65	2513,55	2747,79	3222,83	4164,40	6253,27	13982,9	6253,27	4164,40
70,00	1879,76	1932,10	2107,07	2479,21	3222,15	4965,70	12597,3	4965,70	3222,15
75,00	1351,53	1384,15	1511,49	1765,31	2308,25	3612,92	10674,7	3612,92	2308,25
80,00	878,49	893,02	968,68	1110,43	1444,60	2256,29	8212,90	2256,29	1444,60
85,00	475,38	479,28	513,20	558,80	691,87	1029,40	5091,43	1029,40	691,87

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6627,77	5784,07	5356,42	5238,90	5356,42	5784,07	6627,77	8150,82	11050,1
50,00	5683,62	4925,32	4544,07	4437,24	4544,07	4925,32	5683,62	7090,07	9871,27
55,00	4821,33	4143,40	3807,65	3715,49	3807,65	4143,40	4821,33	6079,73	8699,85
60,00	3999,31	3425,46	3135,40	3065,33	3135,40	3425,46	3999,31	5106,95	7494,12
65,00	3222,83	2747,79	2513,55	2451,65	2513,55	2747,79	3222,83	4164,40	6253,27
70,00	2479,21	2107,07	1932,10	1879,76	1932,10	2107,07	2479,21	3222,15	4965,70
75,00	1765,31	1511,49	1384,15	1351,53	1384,15	1511,49	1765,31	2308,25	3612,92
80,00	1110,43	968,68	893,02	878,49	893,02	968,68	1110,43	1444,60	2256,29
85,00	558,80	513,20	479,28	475,38	479,28	513,20	558,80	691,87	1029,40

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17801,1	11050,1	8150,82	6627,77	5784,07	5356,42
50,00	16982,0	9871,27	7090,07	5683,62	4925,32	4544,07
55,00	16092,6	8699,85	6079,73	4821,33	4143,40	3807,65
60,00	15128,7	7494,12	5106,95	3999,31	3425,46	3135,40
65,00	13982,9	6253,27	4164,40	3222,83	2747,79	2513,55
70,00	12597,3	4965,70	3222,15	2479,21	2107,07	1932,10
75,00	10674,7	3612,92	2308,25	1765,31	1511,49	1384,15
80,00	8212,90	2256,29	1444,60	1110,43	968,68	893,02
85,00	5091,43	1029,40	691,87	558,80	513,20	479,28

## HEADQUARTERS

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