

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L1402 MID+INT SYM BFLEX K3 840 HO		
Number:	90507+90499L005	Diameter:	0 mm
Report:	24-01-2020	Length:	1402 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 840 - 01	Height:	114 mm
Number:	01	Power:	36,8 W
Lamp flux:	5900,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 15:44:31	Output ratio:	63,8 %

## 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	109,5°	113,4°
Half peak side angle (left)	-54,7°	-56,7°
Half peak side angle (right)	54,7°	56,7°
One tenth peak divergence	163,3°	175,4°
Tenth peak side angle (left)	-81,7°	-87,7°
Tenth peak side angle (right)	81,7°	87,7°

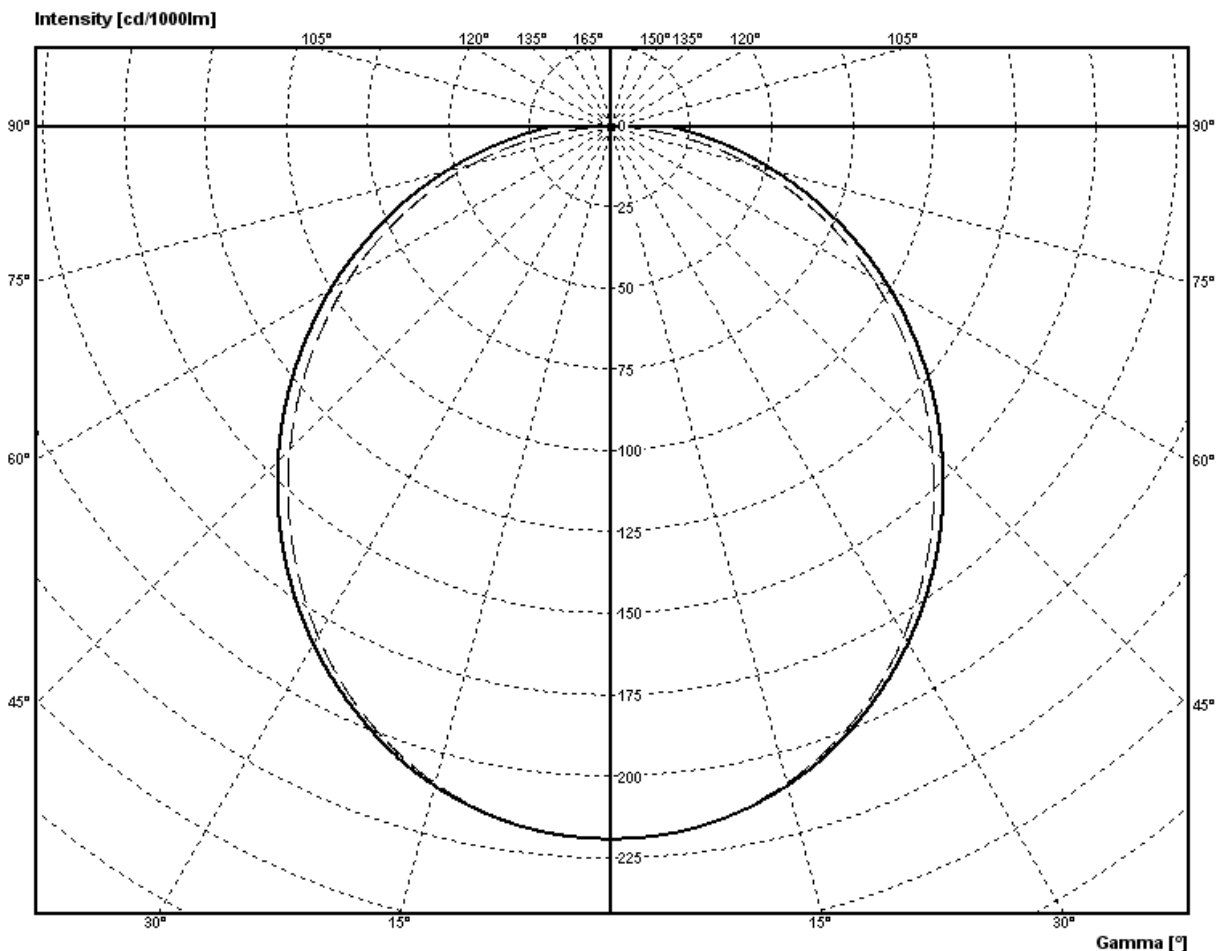
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 L1402 MID+INT SYM BFLEX K3 840 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	17,4	19,1	17,8	19,4	19,7	19,7	21,3	20,0	21,7	22,0
<b>2H</b>	<b>3H</b>	18,6	20,1	19,0	20,5	20,8	21,3	22,8	21,6	23,1	23,5
<b>2H</b>	<b>4H</b>	19,1	20,5	19,4	20,8	21,2	21,9	23,4	22,3	23,7	24,1
<b>2H</b>	<b>6H</b>	19,4	20,8	19,8	21,1	21,5	22,4	23,8	22,8	24,1	24,5
<b>2H</b>	<b>8H</b>	19,5	20,8	19,9	21,2	21,6	22,6	23,9	23,0	24,2	24,6
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,2	21,6	22,6	23,9	23,1	24,3	24,7
<b>4H</b>	<b>2H</b>	18,1	19,6	18,5	19,9	20,3	20,0	21,4	20,4	21,8	22,1
<b>4H</b>	<b>3H</b>	19,4	20,7	19,9	21,1	21,5	21,7	22,9	22,1	23,3	23,7
<b>4H</b>	<b>4H</b>	20,1	21,2	20,5	21,6	22,0	22,4	23,5	22,9	24,0	24,4
<b>4H</b>	<b>6H</b>	20,5	21,5	20,9	21,9	22,3	23,0	24,0	23,5	24,4	24,9
<b>4H</b>	<b>8H</b>	20,6	21,6	21,1	22,0	22,5	23,2	24,1	23,7	24,6	25,0
<b>4H</b>	<b>12H</b>	20,8	21,7	21,3	22,1	22,6	23,3	24,2	23,8	24,6	25,1
<b>8H</b>	<b>4H</b>	20,3	21,2	20,8	21,7	22,1	22,5	23,4	23,0	23,9	24,3
<b>8H</b>	<b>6H</b>	20,8	21,6	21,3	22,1	22,6	23,1	23,9	23,6	24,4	24,9
<b>8H</b>	<b>8H</b>	21,1	21,8	21,6	22,3	22,8	23,4	24,1	23,9	24,6	25,1
<b>8H</b>	<b>12H</b>	21,3	21,9	21,9	22,4	22,9	23,6	24,2	24,1	24,7	25,2
<b>12H</b>	<b>4H</b>	20,4	21,2	20,8	21,6	22,1	22,5	23,4	23,0	23,8	24,3
<b>12H</b>	<b>6H</b>	21,0	21,6	21,5	22,1	22,6	23,2	23,9	23,7	24,4	24,9
<b>12H</b>	<b>8H</b>	21,2	21,8	21,7	22,3	22,8	23,4	24,0	24,0	24,5	25,0

UGR values are corrected for lamp flux of 5900 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1402 MID+INT SYM BFLEX 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	5382,02	5470,13	5829,34	6551,33	7908,89	10538,0	16719,4	10538,0	7908,89
50,00	4683,59	4764,33	5078,94	5740,08	7000,64	9573,84	16172,9	9573,84	7000,64
55,00	4031,97	4103,61	4387,10	4981,05	6136,69	8580,92	15530,4	8580,92	6136,69
60,00	3434,37	3486,43	3734,55	4258,23	5293,89	7604,94	14887,6	7604,94	5293,89
65,00	2855,24	2905,55	3111,04	3556,01	4459,43	6529,80	14102,4	6529,80	4459,43
70,00	2315,15	2347,12	2513,22	2876,57	3635,56	5443,59	13121,0	5443,59	3635,56
75,00	1799,60	1819,95	1940,95	2208,48	2795,65	4255,60	11832,7	4255,60	2795,65
80,00	1337,85	1346,88	1418,27	1566,28	1948,07	2971,21	9827,98	2971,21	1948,07
85,00	942,18	937,38	959,03	1007,04	1150,95	1601,96	6141,58	1601,96	1150,95

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6551,33	5829,34	5470,13	5382,02	5470,13	5829,34	6551,33	7908,89	10538,0
50,00	5740,08	5078,94	4764,33	4683,59	4764,33	5078,94	5740,08	7000,64	9573,84
55,00	4981,05	4387,10	4103,61	4031,97	4103,61	4387,10	4981,05	6136,69	8580,92
60,00	4258,23	3734,55	3486,43	3434,37	3486,43	3734,55	4258,23	5293,89	7604,94
65,00	3556,01	3111,04	2905,55	2855,24	2905,55	3111,04	3556,01	4459,43	6529,80
70,00	2876,57	2513,22	2347,12	2315,15	2347,12	2513,22	2876,57	3635,56	5443,59
75,00	2208,48	1940,95	1819,95	1799,60	1819,95	1940,95	2208,48	2795,65	4255,60
80,00	1566,28	1418,27	1346,88	1337,85	1346,88	1418,27	1566,28	1948,07	2971,21
85,00	1007,04	959,03	937,38	942,18	937,38	959,03	1007,04	1150,95	1601,96

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16719,4	10538,0	7908,89	6551,33	5829,34	5470,13
50,00	16172,9	9573,84	7000,64	5740,08	5078,94	4764,33
55,00	15530,4	8580,92	6136,69	4981,05	4387,10	4103,61
60,00	14887,6	7604,94	5293,89	4258,23	3734,55	3486,43
65,00	14102,4	6529,80	4459,43	3556,01	3111,04	2905,55
70,00	13121,0	5443,59	3635,56	2876,57	2513,22	2347,12
75,00	11832,7	4255,60	2795,65	2208,48	1940,95	1819,95
80,00	9827,98	2971,21	1948,07	1566,28	1418,27	1346,88
85,00	6141,58	1601,96	1150,95	1007,04	959,03	937,38

## HEADQUARTERS

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