

PHOTOMETRIC RESULTS

Name:	REBA 65 EXT LINE L0567 SRT/END+INT SYM BGLARE 840 HO		
Number:	90509-83+90502L002	Diameter:	0 mm
Report:	22-01-2020	Length:	567 mm
Meas.-no.:	01	Width:	65 mm
Lamp type:	LED 840 - 01	Height:	82 mm
Number:	01	Power:	14,71 W
Lamp flux:	2360,00 lm	Operator:	INDEL AGUE GROUP
Date:	22-01-2020 10:59:10	Output ratio:	66,4 %

Protocol

LiTG-class: A50
UTE-class: 0,66 C
IES-class: 64 - 89 - 98 - 100 - 66
TM5-class: BZ2/3.00/BZ3

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,5°	76,4°
Half peak side angle (left)	-40,3°	-38,2°
Half peak side angle (right)	40,3°	38,2°
One tenth peak divergence	131,5°	135,4°
Tenth peak side angle (left)	-65,7°	-67,7°
Tenth peak side angle (right)	65,7°	67,7°

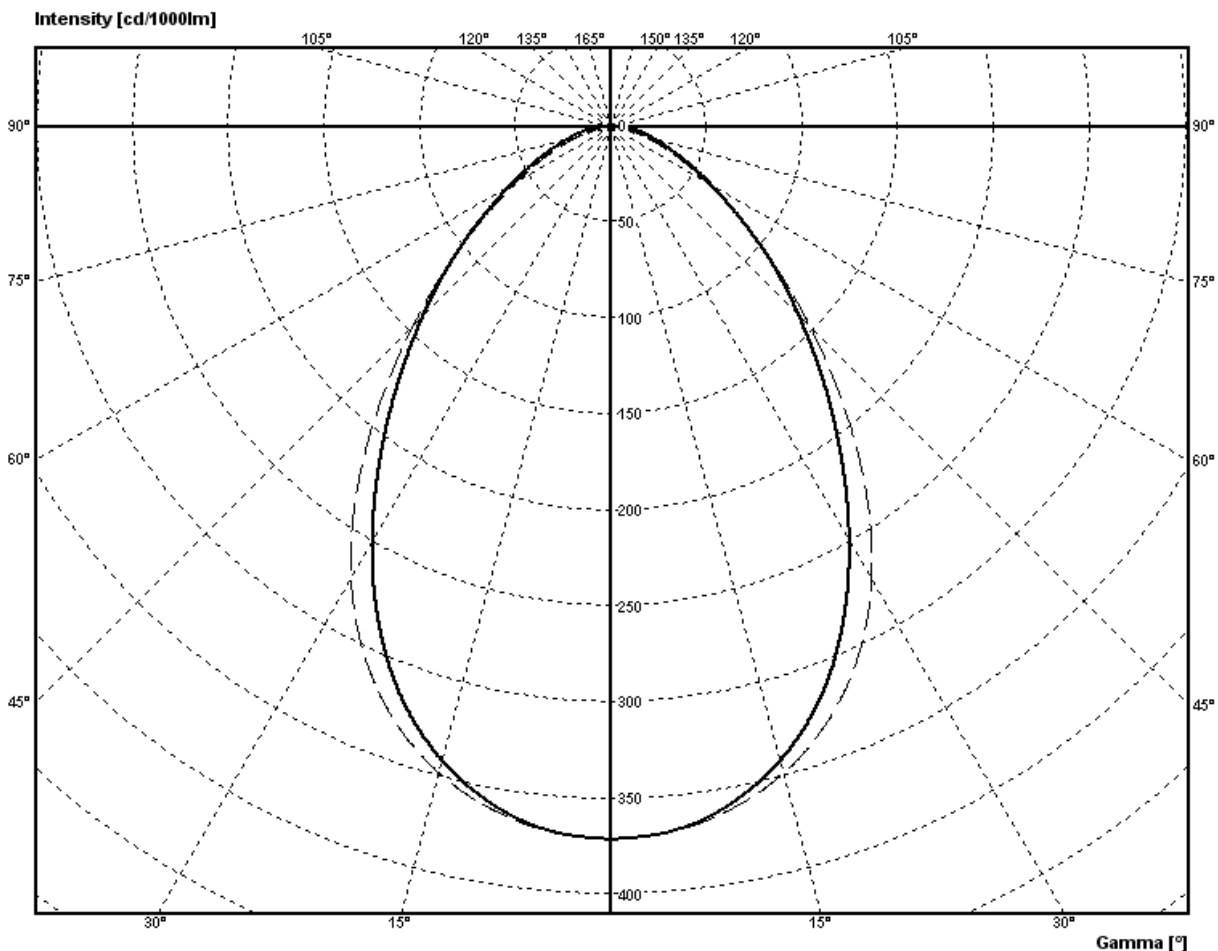
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 65 EXT LINE L0567 SRT/END+INT SYM BGLARE 840 HO / Direct
in 15° C / 5° G



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UGR Unified Glare Ratios

Ceiling reflectance		0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5	0,3
Wall reflectance		0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,3
Floor cavity reflectance		0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Room dimension		Viewed crosswise					Viewed endwise				
2H	2H	16,5	17,9	16,8	18,2	18,5	18,0	19,4	18,4	19,8	20,1
2H	3H	16,9	18,2	17,3	18,5	18,9	18,5	19,8	18,9	20,1	20,5
2H	4H	17,0	18,2	17,4	18,6	19,0	18,6	19,8	19,0	20,2	20,6
2H	6H	17,2	18,3	17,6	18,6	19,0	18,7	19,8	19,1	20,2	20,6
2H	8H	17,1	18,2	17,6	18,6	19,0	18,7	19,8	19,1	20,1	20,6
2H	12H	17,1	18,1	17,5	18,5	18,9	18,7	19,7	19,1	20,1	20,5
4H	2H	16,7	17,9	17,1	18,3	18,7	18,1	19,3	18,5	19,7	20,0
4H	3H	17,3	18,3	17,7	18,7	19,1	18,7	19,7	19,1	20,1	20,5
4H	4H	17,5	18,4	18,0	18,8	19,3	18,9	19,8	19,3	20,2	20,6
4H	6H	17,7	18,4	18,1	18,9	19,3	19,0	19,8	19,4	20,2	20,7
4H	8H	17,7	18,4	18,2	18,9	19,3	19,0	19,7	19,5	20,2	20,7
4H	12H	17,7	18,4	18,2	18,9	19,4	19,0	19,7	19,5	20,1	20,7
8H	4H	17,5	18,3	18,0	18,7	19,2	18,9	19,6	19,3	20,0	20,5
8H	6H	17,7	18,3	18,2	18,8	19,3	19,0	19,6	19,5	20,0	20,5
8H	8H	17,8	18,4	18,4	18,9	19,4	19,1	19,6	19,6	20,1	20,6
8H	12H	17,9	18,3	18,4	18,9	19,4	19,1	19,5	19,6	20,0	20,5
12H	4H	17,5	18,2	18,0	18,6	19,2	18,8	19,5	19,3	20,0	20,5
12H	6H	17,8	18,3	18,3	18,8	19,3	19,0	19,5	19,5	20,0	20,5
12H	8H	17,8	18,3	18,4	18,8	19,3	19,0	19,5	19,6	20,0	20,5

UGR values are corrected for lamp flux of 2360 lm by 3,0

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Luminance [cd/m²] REBA 65 EXT LINE L0567 SRT/END+INT SYM BGLARE 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	5738,71	5805,59	6257,32	7072,18	8185,67	9703,73	12394,4	9703,73	8185,67
50,00	4474,37	4476,35	4748,19	5398,87	6290,83	7529,35	10018,9	7529,35	6290,83
55,00	3340,91	3368,80	3533,40	3969,34	4643,03	5646,38	7875,96	5646,38	4643,03
60,00	2492,92	2496,27	2666,75	2906,15	3391,76	4193,80	6163,18	4193,80	3391,76
65,00	1848,72	1803,05	1956,01	2093,55	2464,37	3086,62	4855,71	3086,62	2464,37
70,00	1339,17	1315,10	1405,97	1455,86	1734,78	2206,08	3650,86	2206,08	1734,78
75,00	974,02	960,21	995,38	1019,37	1166,23	1511,54	2665,69	1511,54	1166,23
80,00	697,63	664,77	667,79	667,81	753,97	973,72	1932,43	973,72	753,97
85,00	422,57	407,57	392,20	375,67	415,74	524,87	1124,17	524,87	415,74

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7072,18	6257,32	5805,59	5738,71	5805,59	6257,32	7072,18	8185,67	9703,73
50,00	5398,87	4748,19	4476,35	4474,37	4476,35	4748,19	5398,87	6290,83	7529,35
55,00	3969,34	3533,40	3368,80	3340,91	3368,80	3533,40	3969,34	4643,03	5646,38
60,00	2906,15	2666,75	2496,27	2492,92	2496,27	2666,75	2906,15	3391,76	4193,80
65,00	2093,55	1956,01	1803,05	1848,72	1803,05	1956,01	2093,55	2464,37	3086,62
70,00	1455,86	1405,97	1315,10	1339,17	1315,10	1405,97	1455,86	1734,78	2206,08
75,00	1019,37	995,38	960,21	974,02	960,21	995,38	1019,37	1166,23	1511,54
80,00	667,81	667,79	664,77	697,63	664,77	667,79	667,81	753,97	973,72
85,00	375,67	392,20	407,57	422,57	407,57	392,20	375,67	415,74	524,87

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12394,4	9703,73	8185,67	7072,18	6257,32	5805,59
50,00	10018,9	7529,35	6290,83	5398,87	4748,19	4476,35
55,00	7875,96	5646,38	4643,03	3969,34	3533,40	3368,80
60,00	6163,18	4193,80	3391,76	2906,15	2666,75	2496,27
65,00	4855,71	3086,62	2464,37	2093,55	1956,01	1803,05
70,00	3650,86	2206,08	1734,78	1455,86	1405,97	1315,10
75,00	2665,69	1511,54	1166,23	1019,37	995,38	960,21
80,00	1932,43	973,72	753,97	667,81	667,79	664,77
85,00	1124,17	524,87	415,74	375,67	392,20	407,57

HEADQUARTERS

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