

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /E EXT L2272+INT SYM BLINE 840 HO		
<b>Number:</b>	90520+90497L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2272 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	01	<b>Power:</b>	57,62 W
<b>Lamp flux:</b>	9440,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 12:31:16	<b>Output ratio:</b>	62,6 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,57 C  
**IES-class:** 60 - 88 - 97 - 100 - 57  
**TM5-class:** BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	93,9°	54,8°
<b>Half peak side angle (left)</b>	-46,9°	-40,0°
<b>Half peak side angle (right)</b>	46,9°	14,8°
<b>One tenth peak divergence</b>	140,7°	130,5°
<b>Tenth peak side angle (left)</b>	-70,3°	-62,5°
<b>Tenth peak side angle (right)</b>	70,3°	68,0°

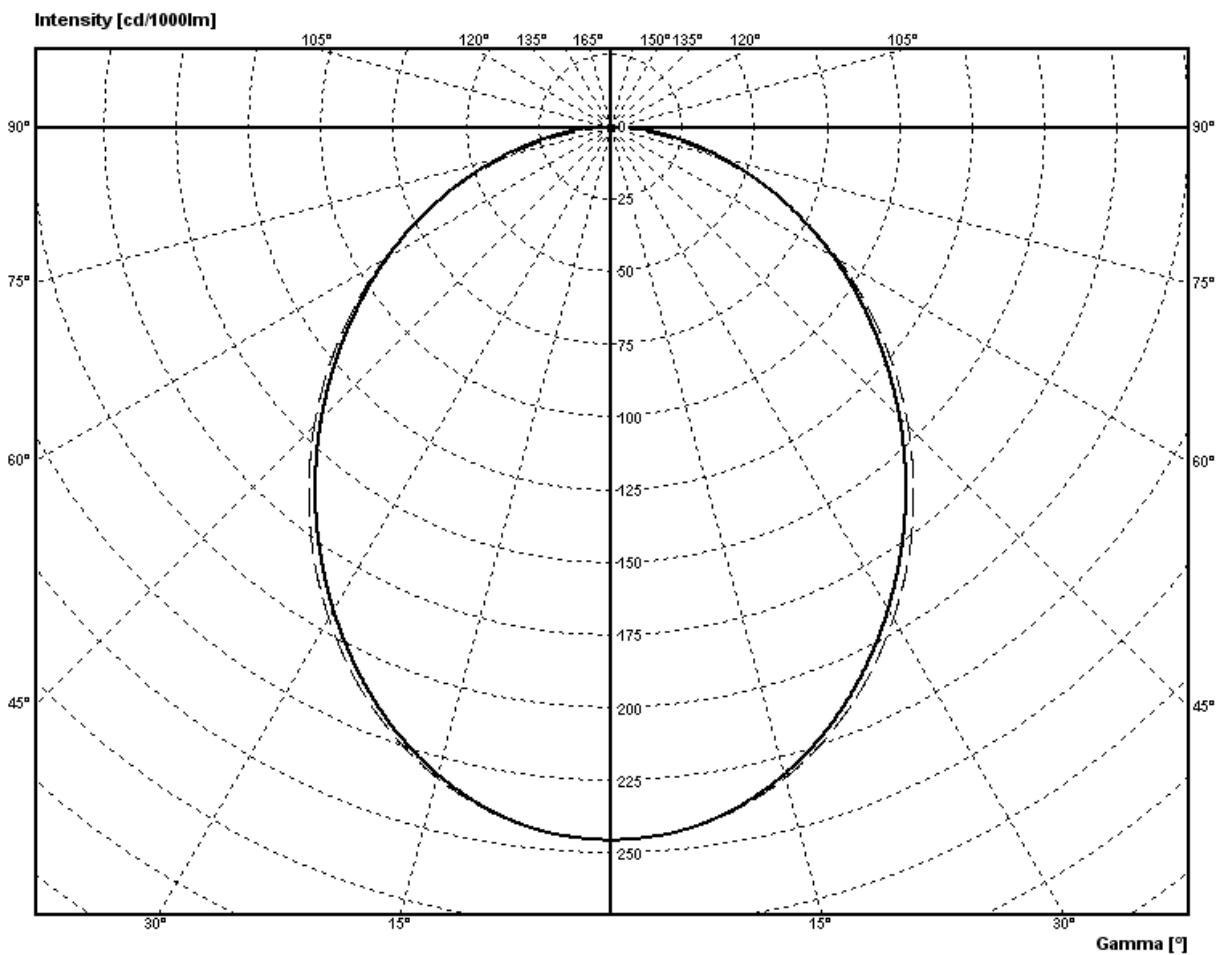
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /E EXT L2272+INT SYM BLINE 840 HO / Direct in 15° C / 5° 



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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>	16,2	17,7	16,6	18,0	18,3	19,9	21,3	20,2	21,7	22,0
<b>2H</b>	<b>3H</b>	16,7	18,0	17,1	18,4	18,7	20,5	21,9	20,9	22,2	22,6
<b>2H</b>	<b>4H</b>	16,9	18,1	17,3	18,5	18,9	20,8	22,0	21,2	22,4	22,8
<b>2H</b>	<b>6H</b>	17,0	18,2	17,5	18,6	18,9	21,0	22,1	21,4	22,5	22,9
<b>2H</b>	<b>8H</b>	17,0	18,1	17,4	18,5	18,9	21,0	22,1	21,4	22,5	22,9
<b>2H</b>	<b>12H</b>	17,0	18,1	17,4	18,5	18,9	21,0	22,1	21,5	22,5	22,9
<b>4H</b>	<b>2H</b>	16,7	17,9	17,1	18,3	18,6	19,9	21,1	20,3	21,5	21,9
<b>4H</b>	<b>3H</b>	17,3	18,4	17,7	18,8	19,2	20,7	21,7	21,1	22,1	22,5
<b>4H</b>	<b>4H</b>	17,6	18,6	18,1	19,0	19,4	21,0	21,9	21,5	22,4	22,8
<b>4H</b>	<b>6H</b>	17,8	18,6	18,3	19,1	19,5	21,2	22,1	21,7	22,5	22,9
<b>4H</b>	<b>8H</b>	17,8	18,6	18,3	19,1	19,5	21,3	22,1	21,8	22,5	23,0
<b>4H</b>	<b>12H</b>	17,9	18,6	18,4	19,0	19,5	21,4	22,1	21,9	22,5	23,0
<b>8H</b>	<b>4H</b>	17,8	18,5	18,2	19,0	19,4	21,0	21,7	21,4	22,2	22,6
<b>8H</b>	<b>6H</b>	18,0	18,6	18,5	19,1	19,6	21,2	21,9	21,7	22,3	22,8
<b>8H</b>	<b>8H</b>	18,1	18,7	18,6	19,2	19,7	21,4	21,9	21,9	22,4	22,9
<b>8H</b>	<b>12H</b>	18,2	18,6	18,7	19,1	19,7	21,4	21,9	22,0	22,4	22,9
<b>12H</b>	<b>4H</b>	17,8	18,5	18,2	18,9	19,4	21,0	21,7	21,4	22,1	22,6
<b>12H</b>	<b>6H</b>	18,1	18,6	18,6	19,1	19,6	21,3	21,8	21,8	22,3	22,8
<b>12H</b>	<b>8H</b>	18,2	18,6	18,7	19,1	19,6	21,4	21,8	21,9	22,3	22,9

UGR values are corrected for lamp flux of 9600 lm by 7,9

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT L2272+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	7103,59	7241,18	7735,41	8678,39	10279,1	13007,5	18123,9	13007,5	10279,1
50,00	6122,28	6252,03	6707,88	7585,86	9122,02	11840,5	17346,9	11840,5	9122,02
55,00	5212,95	5328,34	5743,50	6557,46	7982,33	10647,5	16503,9	10647,5	7982,33
60,00	4371,60	4460,95	4831,70	5543,10	6846,62	9375,26	15593,3	9375,26	6846,62
65,00	3553,51	3635,60	3943,98	4553,46	5706,37	8016,09	14508,0	8016,09	5706,37
70,00	2769,41	2841,44	3078,43	3572,96	4519,19	6544,60	13192,6	6544,60	4519,19
75,00	2024,69	2070,58	2249,09	2597,62	3320,15	4918,36	11340,6	4918,36	3320,15
80,00	1339,07	1359,81	1469,37	1670,71	2136,70	3193,52	8950,46	3193,52	2136,70
85,00	738,01	743,65	794,62	861,33	1056,14	1529,55	5888,38	1529,55	1056,14

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8678,39	7735,41	7241,18	7103,59	7241,18	7735,41	8678,39	10279,1	13007,5
50,00	7585,86	6707,88	6252,03	6122,28	6252,03	6707,88	7585,86	9122,02	11840,5
55,00	6557,46	5743,50	5328,34	5212,95	5328,34	5743,50	6557,46	7982,33	10647,5
60,00	5543,10	4831,70	4460,95	4371,60	4460,95	4831,70	5543,10	6846,62	9375,26
65,00	4553,46	3943,98	3635,60	3553,51	3635,60	3943,98	4553,46	5706,37	8016,09
70,00	3572,96	3078,43	2841,44	2769,41	2841,44	3078,43	3572,96	4519,19	6544,60
75,00	2597,62	2249,09	2070,58	2024,69	2070,58	2249,09	2597,62	3320,15	4918,36
80,00	1670,71	1469,37	1359,81	1339,07	1359,81	1469,37	1670,71	2136,70	3193,52
85,00	861,33	794,62	743,65	738,01	743,65	794,62	861,33	1056,14	1529,55

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	18123,9	13007,5	10279,1	8678,39	7735,41	7241,18
50,00	17346,9	11840,5	9122,02	7585,86	6707,88	6252,03
55,00	16503,9	10647,5	7982,33	6557,46	5743,50	5328,34
60,00	15593,3	9375,26	6846,62	5543,10	4831,70	4460,95
65,00	14508,0	8016,09	5706,37	4553,46	3943,98	3635,60
70,00	13192,6	6544,60	4519,19	3572,96	3078,43	2841,44
75,00	11340,6	4918,36	3320,15	2597,62	2249,09	2070,58
80,00	8950,46	3193,52	2136,70	1670,71	1469,37	1359,81
85,00	5888,38	1529,55	1056,14	861,33	794,62	743,65

## HEADQUARTERS

INDÚSTRIA ELÉTRICA DE ÁGUEDA S.A.

Rua da Mina 465 | Covão | Zona industrial EN1 Norte

3750-792 Trofa ÁGUEDA | PORTUGAL

www.indelague.com | www.roxolighting.com

indelague@indelague.pt | roxo.london@roxolighting.com

Tel. (+351) 234 612 310

Fax (+351) 234 624 058