

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>REBA _T LED Line 37W bGLARE [1402mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	08-02-2018	<b>Length:</b>	1402 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	70 mm
<b>Number:</b>	1	<b>Power:</b>	36,74 W
<b>Lamp flux:</b>	5067,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	08-02-2018 10:31:37	<b>Output ratio:</b>	60,4 %

**Protocol**

**LiTG-class:** A50  
**UTE-class:** 0,60 C  
**IES-class:** 65 - 90 - 98 - 100 - 60  
**TM5-class:** B22

**Divergences in the plane through maximum intensity:**

	Horizontal	Vertical
<b>One half peak divergence</b>	75,9°	75,3°
<b>Half peak side angle (left)</b>	-37,9°	-37,7°
<b>Half peak side angle (right)</b>	37,9°	37,7°
<b>One tenth peak divergence</b>	129,1°	130,9°
<b>Tenth peak side angle (left)</b>	-64,5°	-65,4°
<b>Tenth peak side angle (right)</b>	64,5°	65,4°

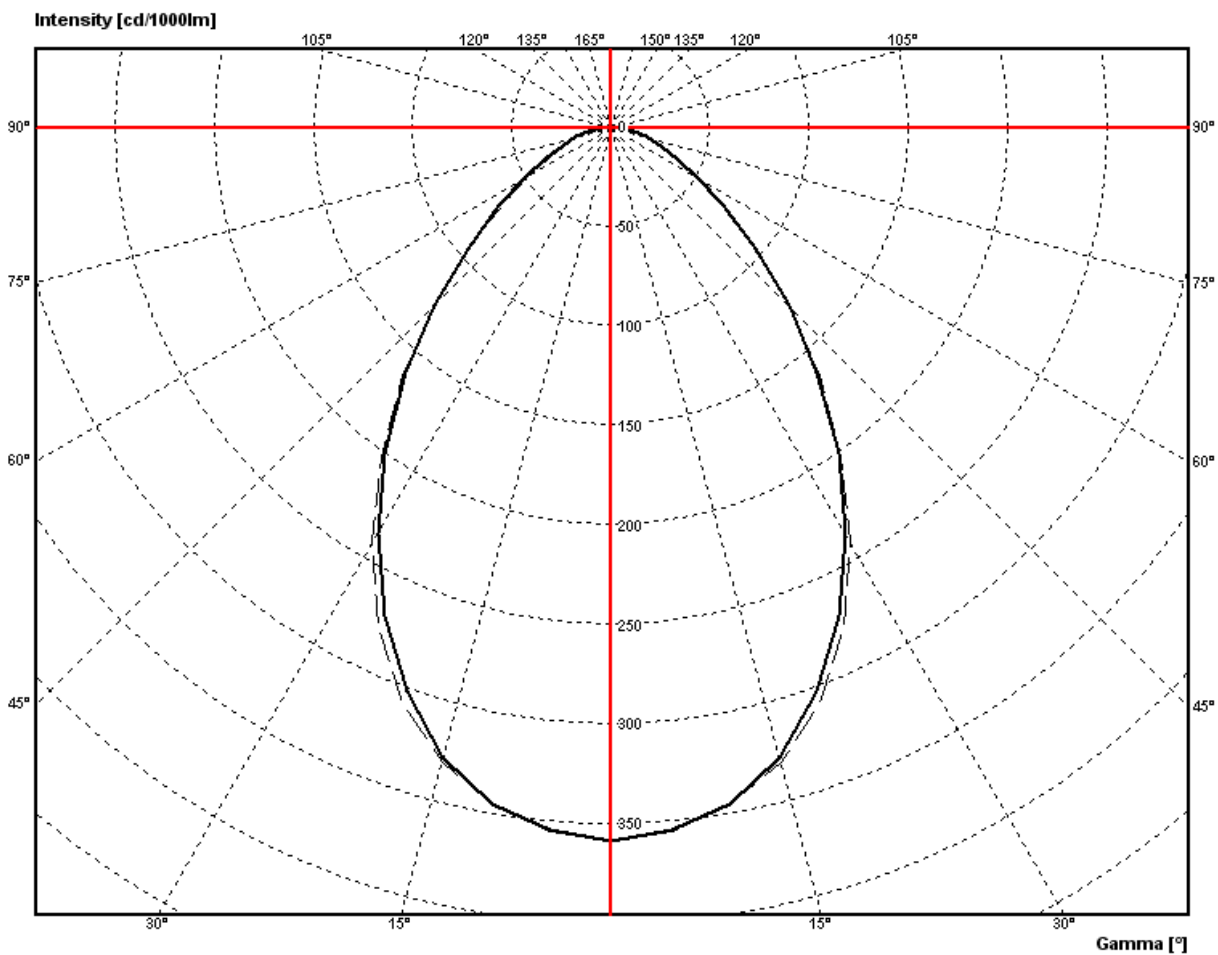
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 \_T LED Line 37W bGLARE [1402mm] / 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	16,2	17,6	16,6	17,9	18,3	17,9	19,3	18,3	19,6	20,0
<b>2H</b>	<b>3H</b>	16,6	17,9	17,0	18,2	18,5	18,5	19,8	18,9	20,1	20,4
<b>2H</b>	<b>4H</b>	16,7	17,9	17,1	18,2	18,6	18,8	19,9	19,2	20,3	20,7
<b>2H</b>	<b>6H</b>	16,8	17,9	17,2	18,2	18,6	19,0	20,1	19,4	20,4	20,8
<b>2H</b>	<b>8H</b>	16,8	17,8	17,2	18,2	18,6	19,0	20,1	19,4	20,4	20,8
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	19,0	20,0	19,4	20,4	20,8
<b>4H</b>	<b>2H</b>	16,5	17,7	16,9	18,0	18,4	18,0	19,2	18,4	19,5	19,9
<b>4H</b>	<b>3H</b>	17,0	18,0	17,4	18,4	18,8	18,7	19,7	19,1	20,1	20,5
<b>4H</b>	<b>4H</b>	17,2	18,1	17,6	18,5	18,9	19,0	19,9	19,5	20,3	20,8
<b>4H</b>	<b>6H</b>	17,3	18,0	17,7	18,5	18,9	19,3	20,0	19,7	20,5	20,9
<b>4H</b>	<b>8H</b>	17,3	18,0	17,8	18,5	18,9	19,3	20,1	19,8	20,5	21,0
<b>4H</b>	<b>12H</b>	17,3	18,0	17,8	18,4	18,9	19,4	20,1	19,9	20,5	21,0
<b>8H</b>	<b>4H</b>	17,2	17,9	17,7	18,4	18,9	19,0	19,7	19,4	20,1	20,6
<b>8H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	19,2	19,8	19,7	20,3	20,8
<b>8H</b>	<b>8H</b>	17,4	18,0	18,0	18,5	19,0	19,4	19,9	19,9	20,4	20,9
<b>8H</b>	<b>12H</b>	17,4	17,9	18,0	18,4	18,9	19,5	19,9	20,0	20,4	20,9
<b>12H</b>	<b>4H</b>	17,2	17,9	17,7	18,3	18,8	19,0	19,6	19,4	20,1	20,6
<b>12H</b>	<b>6H</b>	17,4	17,9	17,9	18,4	18,9	19,3	19,8	19,8	20,3	20,8
<b>12H</b>	<b>8H</b>	17,4	17,9	18,0	18,4	18,9	19,4	19,8	19,9	20,3	20,8

UGR values are corrected for lamp flux of 5067 lm by 5,6

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Luminance [cd/m<sup>2</sup>] REBA \_T LED Line 37W bGLARE [1402mm] / Direct in 15° C / 5° 

G/C [cd/	0,00	15,00	30,00	45,00	60,00	75,00	90,00	105,00	120,00
45,00	5566,86	5683,19	6193,95	6938,74	8035,67	9822,05	13384,5	9822,05	8035,67
50,00	4101,08	4204,84	4588,22	5164,56	6040,20	7519,18	10691,5	7519,18	6040,20
55,00	2968,92	3033,60	3376,38	3789,05	4460,67	5671,42	8521,31	5671,42	4460,67
60,00	2176,57	2197,93	2485,61	2766,36	3270,57	4316,10	7007,30	4316,10	3270,57
65,00	1600,32	1599,05	1783,61	2014,89	2420,75	3270,19	5790,26	3270,19	2420,75
70,00	1166,18	1185,32	1296,92	1456,22	1819,02	2520,68	4872,99	2520,68	1819,02
75,00	827,81	852,57	919,99	1041,01	1335,45	1958,86	4306,90	1958,86	1335,45
80,00	533,25	538,61	603,81	662,98	882,66	1391,38	3676,32	1391,38	882,66
85,00	246,48	251,36	293,47	320,60	431,48	711,62	2737,69	711,62	431,48

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6938,74	6193,95	5683,19	5566,86	5683,19	6193,95	6938,74	8035,67	9822,05
50,00	5164,56	4588,22	4204,84	4101,08	4204,84	4588,22	5164,56	6040,20	7519,18
55,00	3789,05	3376,38	3033,60	2968,92	3033,60	3376,38	3789,05	4460,67	5671,42
60,00	2766,36	2485,61	2197,93	2176,57	2197,93	2485,61	2766,36	3270,57	4316,10
65,00	2014,89	1783,61	1599,05	1600,32	1599,05	1783,61	2014,89	2420,75	3270,19
70,00	1456,22	1296,92	1185,32	1166,18	1185,32	1296,92	1456,22	1819,02	2520,68
75,00	1041,01	919,99	852,57	827,81	852,57	919,99	1041,01	1335,45	1958,86
80,00	662,98	603,81	538,61	533,25	538,61	603,81	662,98	882,66	1391,38
85,00	320,60	293,47	251,36	246,48	251,36	293,47	320,60	431,48	711,62

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13384,5	9822,05	8035,67	6938,74	6193,95	5683,19
50,00	10691,5	7519,18	6040,20	5164,56	4588,22	4204,84
55,00	8521,31	5671,42	4460,67	3789,05	3376,38	3033,60
60,00	7007,30	4316,10	3270,57	2766,36	2485,61	2197,93
65,00	5790,26	3270,19	2420,75	2014,89	1783,61	1599,05
70,00	4872,99	2520,68	1819,02	1456,22	1296,92	1185,32
75,00	4306,90	1958,86	1335,45	1041,01	919,99	852,57
80,00	3676,32	1391,38	882,66	662,98	603,81	538,61
85,00	2737,69	711,62	431,48	320,60	293,47	251,36

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