

PHOTOMETRIC RESULTS

Name:	REBA LED 30W bGLARE [1128mm]		
Number:	01	Diameter:	0 mm
Report:	08-02-2018	Length:	1128 mm
Meas.-no.:	01	Width:	50 mm
Lamp type:	LED 840 - 01	Height:	70 mm
Number:	1	Power:	30,48 W
Lamp flux:	4052,00 lm	Operator:	INDEL AGUE GROUP
Date:	08-02-2018 15:50:50	Output ratio:	61,1 %

Protocol

LiTG-class: A50
UTE-class: 0,61 C
IES-class: 65 - 90 - 98 - 100 - 61
TM5-class: B22

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	75,5°	75,7°
Half peak side angle (left)	-37,8°	-37,9°
Half peak side angle (right)	37,8°	37,9°
One tenth peak divergence	128,6°	131,0°
Tenth peak side angle (left)	-64,3°	-65,5°
Tenth peak side angle (right)	64,3°	65,5°

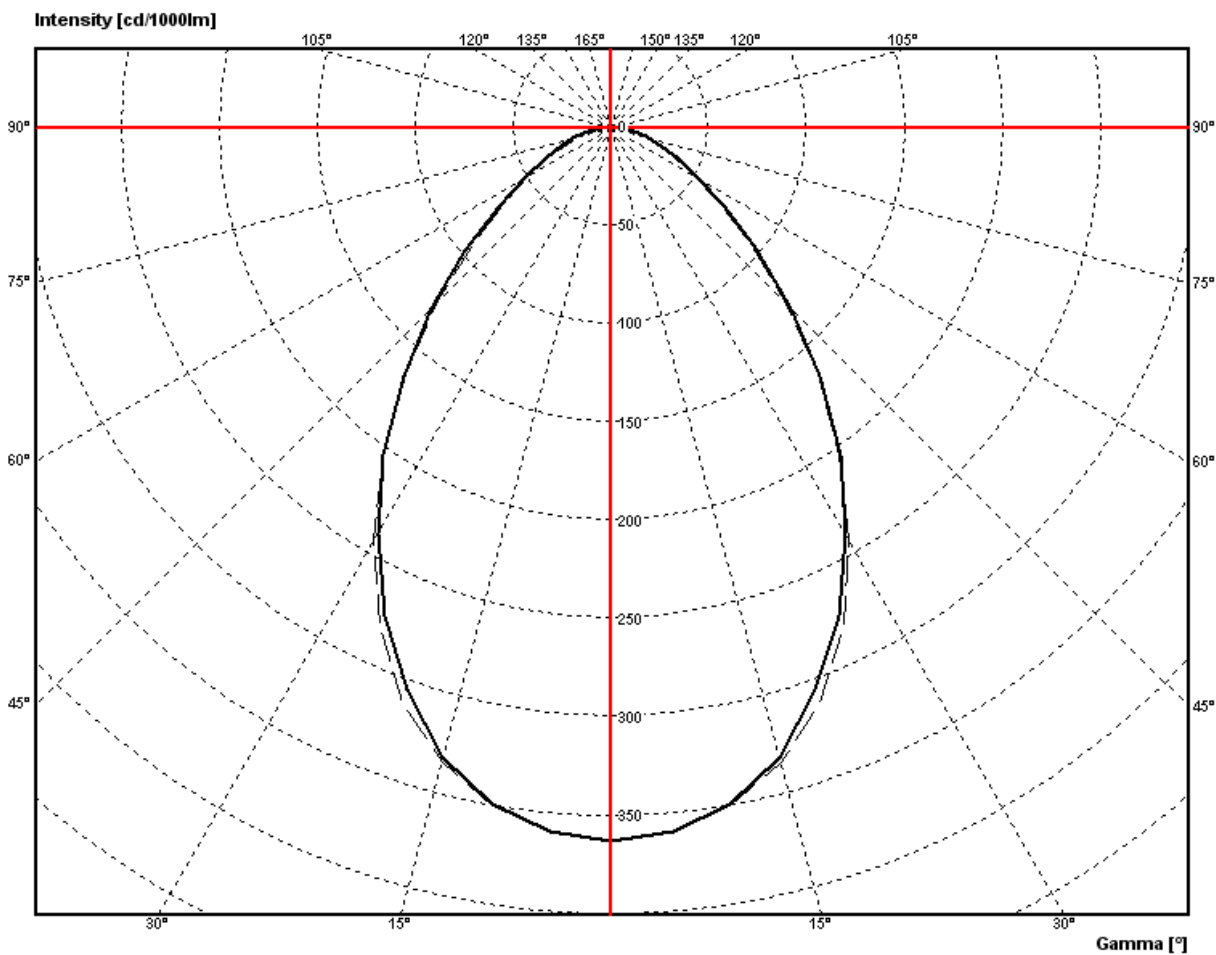
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 LED 30W bGLARE [1128mm] / 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	16,3	17,7	16,7	18,0	18,3	17,9	19,3	18,2	19,6	19,9
2H	3H	16,7	17,9	17,0	18,3	18,6	18,4	19,7	18,8	20,0	20,4
2H	4H	16,8	18,0	17,2	18,3	18,7	18,7	19,9	19,1	20,2	20,6
2H	6H	16,9	18,0	17,3	18,3	18,7	18,9	20,0	19,3	20,3	20,7
2H	8H	16,8	17,9	17,3	18,3	18,7	18,9	20,0	19,3	20,3	20,7
2H	12H	16,8	17,8	17,2	18,2	18,6	18,9	19,9	19,3	20,3	20,7
4H	2H	16,6	17,7	16,9	18,1	18,5	17,9	19,1	18,3	19,5	19,8
4H	3H	17,0	18,0	17,4	18,4	18,8	18,6	19,6	19,0	20,0	20,4
4H	4H	17,3	18,1	17,7	18,6	19,0	18,9	19,8	19,4	20,2	20,7
4H	6H	17,3	18,1	17,8	18,6	19,0	19,2	19,9	19,6	20,4	20,8
4H	8H	17,4	18,1	17,8	18,5	19,0	19,2	20,0	19,7	20,4	20,9
4H	12H	17,4	18,0	17,9	18,5	19,0	19,3	20,0	19,8	20,4	20,9
8H	4H	17,3	18,0	17,8	18,5	18,9	18,9	19,6	19,4	20,1	20,5
8H	6H	17,4	18,0	17,9	18,5	19,0	19,1	19,7	19,6	20,2	20,7
8H	8H	17,5	18,0	18,0	18,5	19,0	19,3	19,8	19,8	20,3	20,8
8H	12H	17,5	18,0	18,0	18,5	19,0	19,4	19,8	19,9	20,3	20,8
12H	4H	17,3	17,9	17,8	18,4	18,9	18,9	19,5	19,4	20,0	20,5
12H	6H	17,5	18,0	18,0	18,5	19,0	19,2	19,7	19,7	20,2	20,7
12H	8H	17,5	17,9	18,0	18,5	19,0	19,3	19,7	19,8	20,2	20,7

UGR values are corrected for lamp flux of 4052 lm by 4,9

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Luminance [cd/m²] REBA LED 30W bGLARE [1128mm] / 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	5700,32	5797,96	6281,58	6993,14	8005,71	9702,01	13201,0	9702,01	8005,71
50,00	4207,89	4313,74	4662,50	5214,38	6032,62	7423,22	10503,7	7423,22	6032,62
55,00	3030,45	3096,83	3444,49	3836,39	4443,74	5584,47	8355,31	5584,47	4443,74
60,00	2201,35	2216,34	2511,68	2789,32	3258,51	4226,69	6836,13	4226,69	3258,51
65,00	1625,03	1614,44	1790,72	2013,79	2392,12	3203,14	5627,95	3203,14	2392,12
70,00	1193,16	1208,36	1312,98	1461,72	1803,52	2470,90	4693,24	2470,90	1803,52
75,00	841,08	870,69	935,66	1043,55	1324,61	1922,72	4110,37	1922,72	1324,61
80,00	550,39	551,67	616,65	668,54	881,07	1357,36	3444,14	1357,36	881,07
85,00	266,27	268,87	308,46	328,32	428,11	688,00	2464,96	688,00	428,11

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6993,14	6281,58	5797,96	5700,32	5797,96	6281,58	6993,14	8005,71	9702,01
50,00	5214,38	4662,50	4313,74	4207,89	4313,74	4662,50	5214,38	6032,62	7423,22
55,00	3836,39	3444,49	3096,83	3030,45	3096,83	3444,49	3836,39	4443,74	5584,47
60,00	2789,32	2511,68	2216,34	2201,35	2216,34	2511,68	2789,32	3258,51	4226,69
65,00	2013,79	1790,72	1614,44	1625,03	1614,44	1790,72	2013,79	2392,12	3203,14
70,00	1461,72	1312,98	1208,36	1193,16	1208,36	1312,98	1461,72	1803,52	2470,90
75,00	1043,55	935,66	870,69	841,08	870,69	935,66	1043,55	1324,61	1922,72
80,00	668,54	616,65	551,67	550,39	551,67	616,65	668,54	881,07	1357,36
85,00	328,32	308,46	268,87	266,27	268,87	308,46	328,32	428,11	688,00

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13201,0	9702,01	8005,71	6993,14	6281,58	5797,96
50,00	10503,7	7423,22	6032,62	5214,38	4662,50	4313,74
55,00	8355,31	5584,47	4443,74	3836,39	3444,49	3096,83
60,00	6836,13	4226,69	3258,51	2789,32	2511,68	2216,34
65,00	5627,95	3203,14	2392,12	2013,79	1790,72	1614,44
70,00	4693,24	2470,90	1803,52	1461,72	1312,98	1208,36
75,00	4110,37	1922,72	1324,61	1043,55	935,66	870,69
80,00	3444,14	1357,36	881,07	668,54	616,65	551,67
85,00	2464,96	688,00	428,11	328,32	308,46	268,87

HEADQUARTERS

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