

PHOTOMETRIC RESULTS

Name:	ROFY /E LED 105W DOZ [Ø1150mm]		
Number:	01	Diameter:	1150 mm
Report:	07-09-2016	Length:	0 mm
Meas.-no.:	01	Width:	0 mm
Lamp type:	LED 840 - 01	Height:	92 mm
Number:	1	Power:	104,69 W
Lamp flux:	18300,00 lm	Operator:	INDEL AGUE GROUP
Date:	07-09-2016 17:37:13	Output ratio:	70,9 %

Protocol

LiTG-class: A40
UTE-class: 0,71 E
IES-class: 47 - 79 - 96 - 100 - 71
TM5-class: BZ4

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	112,3°	112,4°
Half peak side angle (left)	-56,2°	-56,2°
Half peak side angle (right)	56,2°	56,2°
One tenth peak divergence	159,9°	160,1°
Tenth peak side angle (left)	-80,0°	-80,0°
Tenth peak side angle (right)	80,0°	80,0°

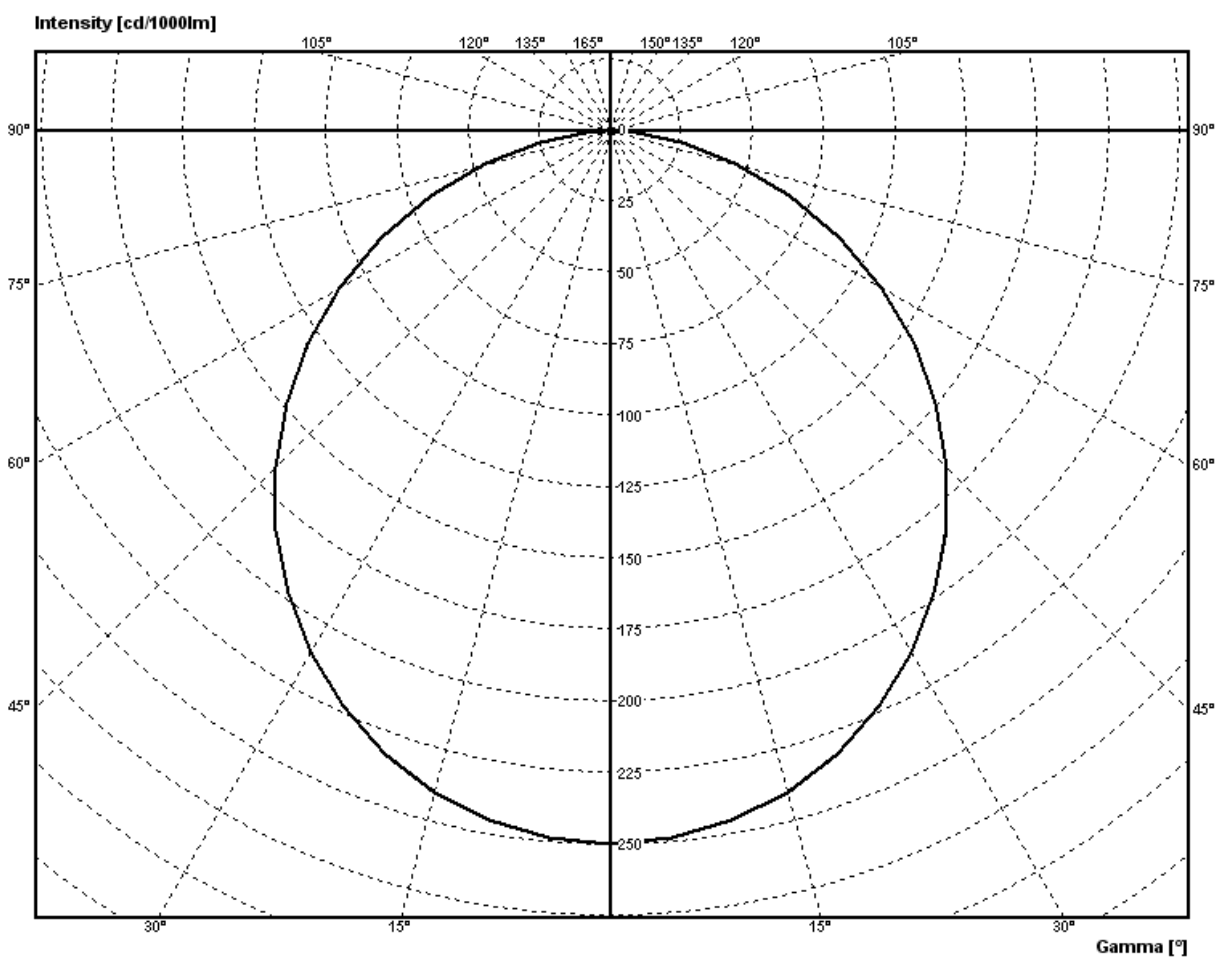
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 ROFY /E LED 105W DOZ [Ø1150mm] / 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	16,9	18,5	17,2	18,8	19,2	16,9	18,5	17,2	18,8	19,1
2H	3H	18,3	19,8	18,7	20,1	20,5	18,3	19,8	18,7	20,1	20,5
2H	4H	18,8	20,2	19,2	20,6	21,0	18,8	20,2	19,2	20,6	20,9
2H	6H	19,2	20,5	19,6	20,8	21,2	19,2	20,4	19,6	20,8	21,2
2H	8H	19,2	20,5	19,6	20,8	21,2	19,2	20,4	19,6	20,8	21,2
2H	12H	19,2	20,4	19,6	20,8	21,2	19,2	20,4	19,6	20,8	21,2
4H	2H	17,6	19,0	17,9	19,3	19,7	17,5	18,9	17,9	19,3	19,7
4H	3H	19,1	20,3	19,5	20,7	21,1	19,1	20,3	19,5	20,7	21,1
4H	4H	19,8	20,8	20,2	21,3	21,7	19,8	20,8	20,2	21,2	21,7
4H	6H	20,2	21,1	20,6	21,5	22,0	20,1	21,1	20,6	21,5	22,0
4H	8H	20,3	21,2	20,7	21,6	22,1	20,2	21,1	20,7	21,6	22,0
4H	12H	20,3	21,1	20,8	21,6	22,1	20,3	21,1	20,8	21,5	22,0
8H	4H	20,0	20,9	20,5	21,3	21,8	20,0	20,9	20,4	21,3	21,8
8H	6H	20,4	21,2	20,9	21,6	22,1	20,4	21,2	20,9	21,6	22,1
8H	8H	20,7	21,3	21,2	21,8	22,3	20,6	21,3	21,1	21,8	22,3
8H	12H	20,7	21,3	21,2	21,8	22,3	20,7	21,2	21,2	21,7	22,2
12H	4H	20,0	20,8	20,5	21,3	21,8	20,0	20,8	20,5	21,2	21,7
12H	6H	20,5	21,2	21,0	21,7	22,2	20,5	21,1	21,0	21,6	22,1
12H	8H	20,7	21,2	21,2	21,7	22,3	20,7	21,2	21,2	21,7	22,2

UGR values are corrected for lamp flux of 18300 lm by 10,1

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Luminance [cd/m²] ROFY /E LED 105W DOZ [Ø1150mm] / 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	4450,92	4452,69	4459,59	4452,77	4449,75	4448,32	4446,72	4448,32	4449,75
50,00	4371,45	4378,15	4380,19	4376,98	4370,08	4374,54	4369,69	4374,54	4370,08
55,00	4274,16	4281,33	4281,11	4276,40	4269,32	4274,24	4265,31	4274,24	4269,32
60,00	4144,41	4147,52	4151,14	4141,64	4141,38	4143,38	4139,10	4143,38	4141,38
65,00	3962,68	3959,38	3963,59	3954,67	3950,13	3953,70	3941,74	3953,70	3950,13
70,00	3694,75	3686,13	3692,25	3686,20	3676,40	3679,18	3666,27	3679,18	3676,40
75,00	3299,90	3288,72	3302,87	3284,21	3282,94	3275,50	3265,76	3275,50	3282,94
80,00	2729,73	2733,25	2749,08	2726,89	2745,59	2675,73	2696,88	2675,73	2745,59
85,00	2004,80	2035,49	2108,20	2005,41	2053,41	1931,89	1982,20	1931,89	2053,41

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4452,77	4459,59	4452,69	4450,92	4452,69	4459,59	4452,77	4449,75	4448,32
50,00	4376,98	4380,19	4378,15	4371,45	4378,15	4380,19	4376,98	4370,08	4374,54
55,00	4276,40	4281,11	4281,33	4274,16	4281,33	4281,11	4276,40	4269,32	4274,24
60,00	4141,64	4151,14	4147,52	4144,41	4147,52	4151,14	4141,64	4141,38	4143,38
65,00	3954,67	3963,59	3959,38	3962,68	3959,38	3963,59	3954,67	3950,13	3953,70
70,00	3686,20	3692,25	3686,13	3694,75	3686,13	3692,25	3686,20	3676,40	3679,18
75,00	3284,21	3302,87	3288,72	3299,90	3288,72	3302,87	3284,21	3282,94	3275,50
80,00	2726,89	2749,08	2733,25	2729,73	2733,25	2749,08	2726,89	2745,59	2675,73
85,00	2005,41	2108,20	2035,49	2004,80	2035,49	2108,20	2005,41	2053,41	1931,89

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4446,72	4448,32	4449,75	4452,77	4459,59	4452,69
50,00	4369,69	4374,54	4370,08	4376,98	4380,19	4378,15
55,00	4265,31	4274,24	4269,32	4276,40	4281,11	4281,33
60,00	4139,10	4143,38	4141,38	4141,64	4151,14	4147,52
65,00	3941,74	3953,70	3950,13	3954,67	3963,59	3959,38
70,00	3666,27	3679,18	3676,40	3686,20	3692,25	3686,13
75,00	3265,76	3275,50	3282,94	3284,21	3302,87	3288,72
80,00	2696,88	2675,73	2745,59	2726,89	2749,08	2733,25
85,00	1982,20	1931,89	2053,41	2005,41	2108,20	2035,49

HEADQUARTERS

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