

PHOTOMETRIC RESULTS

Name:	CONCEPT O /E 39W DOZ [Ø676mm]		
Number:	01	Diameter:	676 mm
Report:	08-11-2016	Length:	0 mm
Meas.-no.:	01	Width:	0 mm
Lamp type:	LED 840 - 01	Height:	100 mm
Number:	1	Power:	39,19 W
Lamp flux:	5640,00 lm	Operator:	INDELAGUE GROUP
Date:	08-11-2016 16:22:51	Output ratio:	53,8 %

Protocol

LiTG-class: A40
UTE-class: 0,54 E
IES-class: 47 - 78 - 95 - 100 - 54
TM5-class: BZ4

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	113,1°	113,2°
Half peak side angle (left)	-56,5°	-56,6°
Half peak side angle (right)	56,5°	56,6°
One tenth peak divergence	162,1°	162,6°
Tenth peak side angle (left)	-81,1°	-81,3°
Tenth peak side angle (right)	81,1°	81,3°

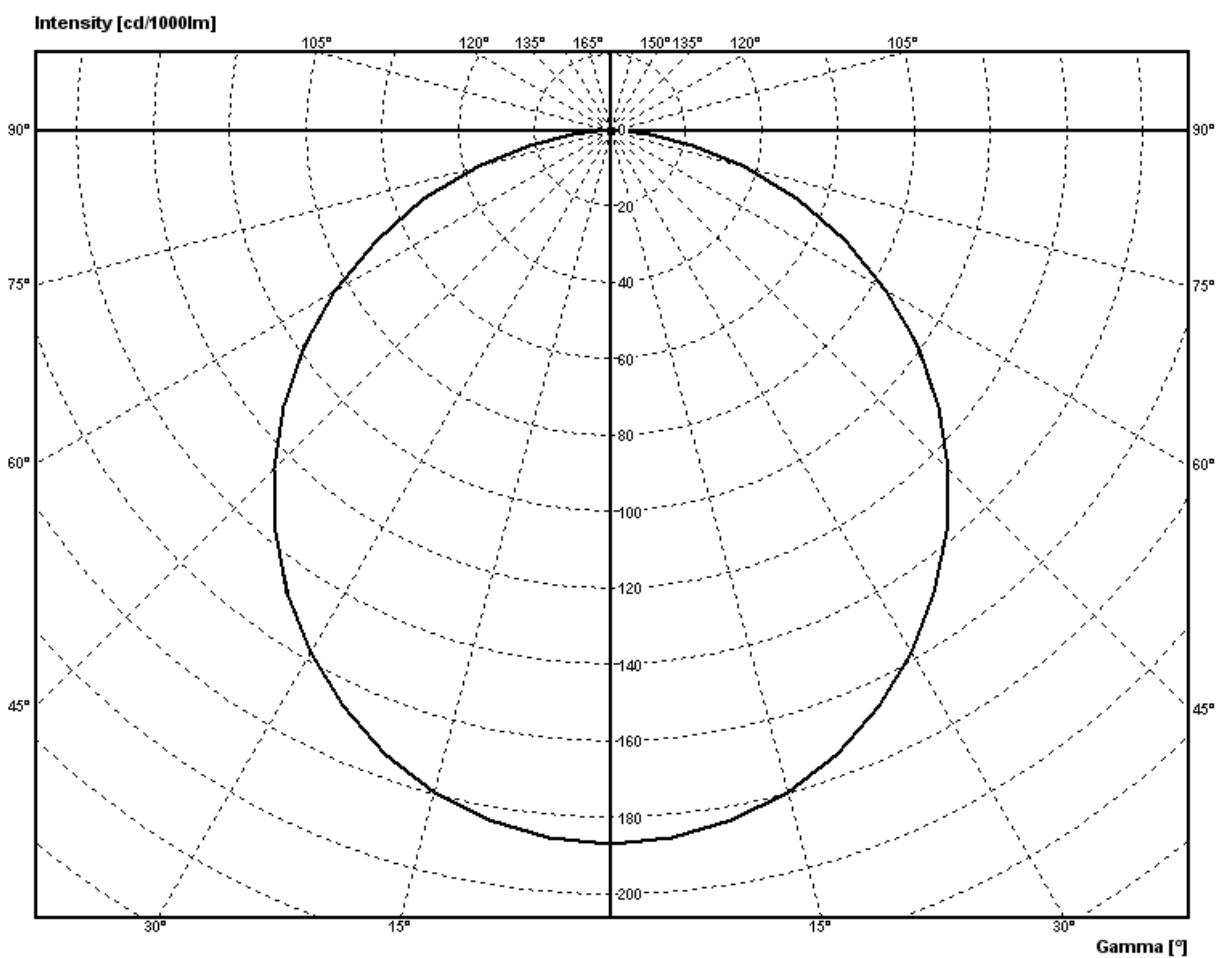
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 CONCEPT O /E 39W DOZ [Ø676mm] / 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	16,7	18,4	17,1	18,7	19,0	16,7	18,4	17,1	18,7	19,0
2H	3H	18,1	19,6	18,5	19,9	20,3	18,1	19,6	18,5	19,9	20,3
2H	4H	18,6	20,0	19,0	20,4	20,7	18,6	20,0	19,0	20,3	20,7
2H	6H	18,9	20,2	19,3	20,6	21,0	18,9	20,2	19,3	20,6	21,0
2H	8H	19,0	20,3	19,4	20,6	21,0	18,9	20,2	19,4	20,6	21,0
2H	12H	19,0	20,2	19,4	20,6	21,0	19,0	20,2	19,4	20,6	21,0
4H	2H	17,3	18,7	17,7	19,1	19,5	17,3	18,7	17,7	19,1	19,5
4H	3H	18,9	20,1	19,3	20,5	20,9	18,8	20,1	19,2	20,4	20,8
4H	4H	19,5	20,6	19,9	21,0	21,4	19,5	20,5	19,9	21,0	21,4
4H	6H	19,9	20,8	20,3	21,3	21,7	19,8	20,8	20,3	21,2	21,7
4H	8H	20,0	20,9	20,5	21,3	21,8	19,9	20,8	20,4	21,3	21,7
4H	12H	20,1	20,9	20,5	21,3	21,8	20,0	20,8	20,5	21,3	21,8
8H	4H	19,7	20,6	20,1	21,0	21,5	19,7	20,6	20,1	21,0	21,5
8H	6H	20,1	20,9	20,6	21,3	21,8	20,1	20,9	20,6	21,3	21,8
8H	8H	20,3	21,0	20,9	21,5	22,0	20,3	21,0	20,8	21,5	22,0
8H	12H	20,4	21,0	21,0	21,5	22,0	20,4	21,0	20,9	21,5	22,0
12H	4H	19,7	20,5	20,2	21,0	21,5	19,7	20,5	20,2	20,9	21,4
12H	6H	20,2	20,9	20,7	21,4	21,9	20,2	20,8	20,7	21,3	21,8
12H	8H	20,4	20,9	20,9	21,5	22,0	20,3	20,9	20,9	21,4	21,9

UGR values are corrected for lamp flux of 5640 lm by 6,0

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Luminance [cd/m²] CONCEPT O /E 39W DOZ [Ø676mm] / 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	5204,22	5197,18	5199,41	5194,52	5199,41	5198,08	5198,96	5198,08	5199,41
50,00	5129,41	5120,65	5124,15	5119,18	5118,30	5118,30	5119,47	5118,30	5118,30
55,00	5031,86	5032,28	5024,25	5022,45	5020,97	5022,61	5019,25	5022,61	5020,97
60,00	4905,34	4900,58	4902,05	4891,18	4896,41	4894,53	4892,85	4894,53	4896,41
65,00	4733,39	4725,92	4729,16	4719,25	4715,81	4711,36	4716,42	4711,36	4715,81
70,00	4488,12	4473,82	4476,89	4460,08	4463,14	4449,39	4453,36	4449,39	4463,14
75,00	4132,78	4099,91	4109,98	4074,49	4084,54	4070,01	4075,88	4070,01	4084,54
80,00	3674,28	3583,14	3601,85	3545,25	3563,93	3531,43	3573,54	3531,43	3563,93
85,00	3466,52	3170,50	3226,63	3084,23	3183,46	3075,55	3214,73	3075,55	3183,46

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5194,52	5199,41	5197,18	5204,22	5197,18	5199,41	5194,52	5199,41	5198,08
50,00	5119,18	5124,15	5120,65	5129,41	5120,65	5124,15	5119,18	5118,30	5118,30
55,00	5022,45	5024,25	5032,28	5031,86	5032,28	5024,25	5022,45	5020,97	5022,61
60,00	4891,18	4902,05	4900,58	4905,34	4900,58	4902,05	4891,18	4896,41	4894,53
65,00	4719,25	4729,16	4725,92	4733,39	4725,92	4729,16	4719,25	4715,81	4711,36
70,00	4460,08	4476,89	4473,82	4488,12	4473,82	4476,89	4460,08	4463,14	4449,39
75,00	4074,49	4109,98	4099,91	4132,78	4099,91	4109,98	4074,49	4084,54	4070,01
80,00	3545,25	3601,85	3583,14	3674,28	3583,14	3601,85	3545,25	3563,93	3531,43
85,00	3084,23	3226,63	3170,50	3466,52	3170,50	3226,63	3084,23	3183,46	3075,55

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	5198,96	5198,08	5199,41	5194,52	5199,41	5197,18
50,00	5119,47	5118,30	5118,30	5119,18	5124,15	5120,65
55,00	5019,25	5022,61	5020,97	5022,45	5024,25	5032,28
60,00	4892,85	4894,53	4896,41	4891,18	4902,05	4900,58
65,00	4716,42	4711,36	4715,81	4719,25	4729,16	4725,92
70,00	4453,36	4449,39	4463,14	4460,08	4476,89	4473,82
75,00	4075,88	4070,01	4084,54	4074,49	4109,98	4099,91
80,00	3573,54	3531,43	3563,93	3545,25	3601,85	3583,14
85,00	3214,73	3075,55	3183,46	3084,23	3226,63	3170,50

HEADQUARTERS

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