

Luminaire

Code VDL2 9W

Name VDL2 9W

Measurement

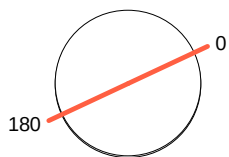
Code VDL2 9W

Name VDL2 9W

Luminaire Flux	645.29 lm	Luminaire Power	8.50 W	Efficacy	75.92 lm/W	Efficiency	60.03%
Lamps Flux	1075.00 lm	Maximum value	1238.65 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	49 mm	Height	1 mm		
Round Luminous Area		Diam.	49 mm	Height	0 mm		
Horizontal Luminous Area		0.001886 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000456 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		27-01-2000		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1075.00 lm	
Operator				Source Voltage [V]			
Temperature		25.00 °C		Source current [A]			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		VDL2 9W		Name		1075.00lm		
				VDL2 9W 8.50W		1075.00	8.50	1
C.I.E.	98 100 100 100 60			D DIN 5040	A60			
F UTE	--			B NBN	BZ 1			

Diam=49mm

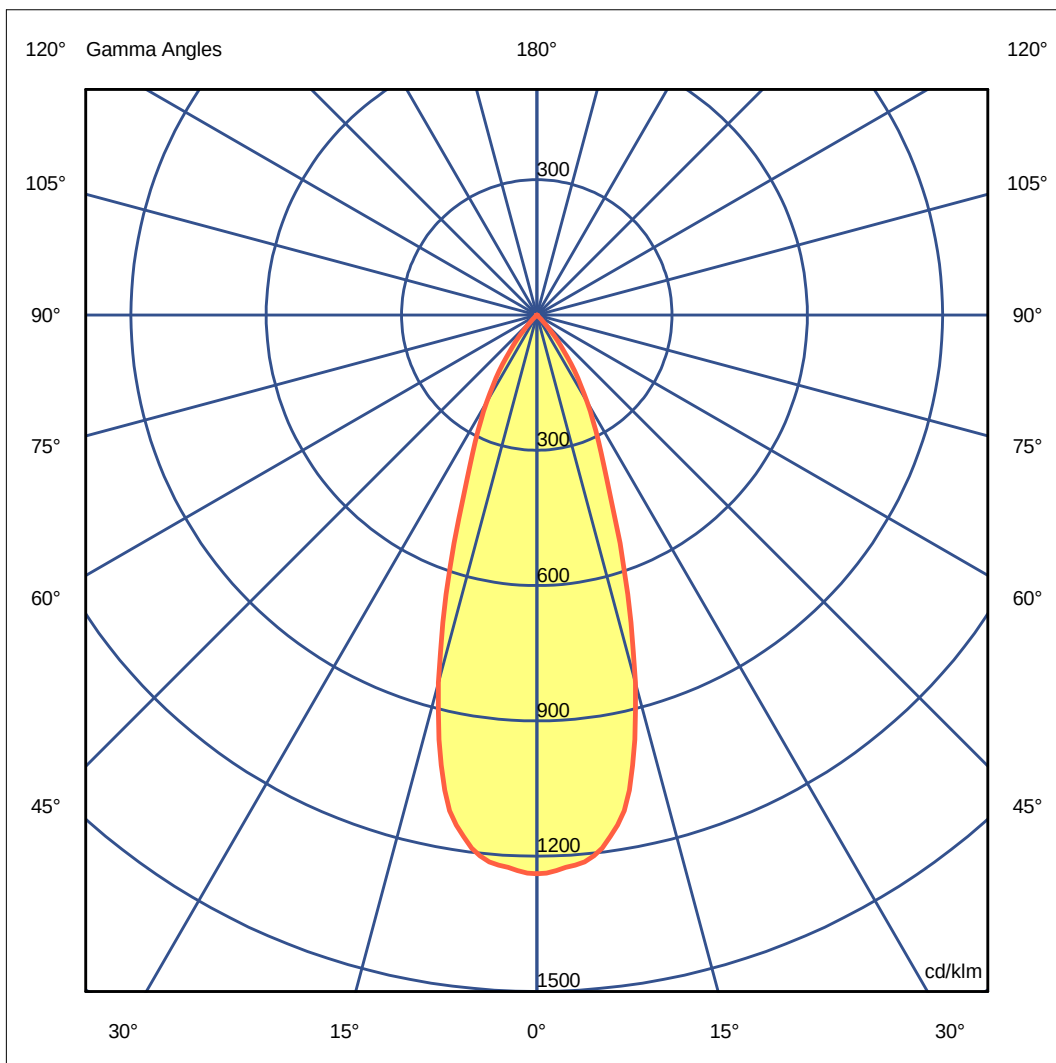


C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 60.03 %





" ĐẲNG CẤP NGƯỜI DẪN ĐẦU "

Luminaire

Code VDL2 9W

Name VDL2 9W

Measurem.

Code VDL2 9W

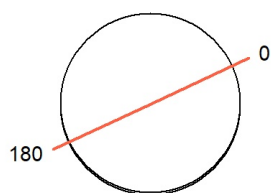
Name VDL2 9W

Luminaire Flux	645.29 lm	Luminaire Power	8.50 W	Efficacy	75.92 lm/W	Efficiency	60.03%
Lamps Flux	1075.00 lm	Maximum value	1238.65 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm Table 1/1

C 0.00		C 0.00	
G 0.0	1238.65	G 46.0	8.95
G 1.0	1237.26	G 47.0	6.81
G 2.0	1232.16	G 48.0	5.08
G 3.0	1226.48	G 49.0	3.39
G 4.0	1222.60	G 50.0	2.14
G 5.0	1216.87	G 51.0	1.65
G 6.0	1205.73	G 52.0	1.49
G 7.0	1190.49	G 53.0	1.49
G 8.0	1167.66	G 54.0	1.43
G 9.0	1144.59	G 55.0	1.36
G 10.0	1116.00	G 56.0	1.37
G 11.0	1072.85	G 57.0	1.29
G 12.0	1020.64	G 58.0	1.25
G 13.0	965.97	G 59.0	1.21
G 14.0	903.84	G 60.0	1.16
G 15.0	843.81	G 61.0	1.13
G 16.0	775.08	G 62.0	1.15
G 17.0	712.99	G 63.0	1.28
G 18.0	651.43	G 64.0	1.28
G 19.0	589.94	G 65.0	1.41
G 20.0	538.34	G 66.0	1.51
G 21.0	482.92	G 67.0	1.54
G 22.0	435.56	G 68.0	1.49
G 23.0	397.48	G 69.0	1.55
G 24.0	364.27	G 70.0	1.34
G 25.0	337.63	G 71.0	1.26
G 26.0	312.77	G 72.0	1.15
G 27.0	287.02	G 73.0	1.05
G 28.0	264.65	G 74.0	1.01
G 29.0	244.18	G 75.0	1.03
G 30.0	222.20	G 76.0	0.89
G 31.0	202.79	G 77.0	0.95
G 32.0	183.46	G 78.0	0.84
G 33.0	166.45	G 79.0	0.85
G 34.0	149.89	G 80.0	0.79
G 35.0	132.35	G 81.0	0.70
G 36.0	116.02	G 82.0	0.67
G 37.0	100.57	G 83.0	0.57
G 38.0	85.34	G 84.0	0.62
G 39.0	72.05	G 85.0	0.54
G 40.0	58.44	G 86.0	0.55
G 41.0	46.76	G 87.0	0.47
G 42.0	35.84	G 88.0	0.46
G 43.0	26.10	G 89.0	0.20
G 44.0	18.32	G 90.0	0.00
G 45.0	12.76		

Diam=49mm



C Halfplanes

180.0 — 0.0

Flux 1075.00 lm

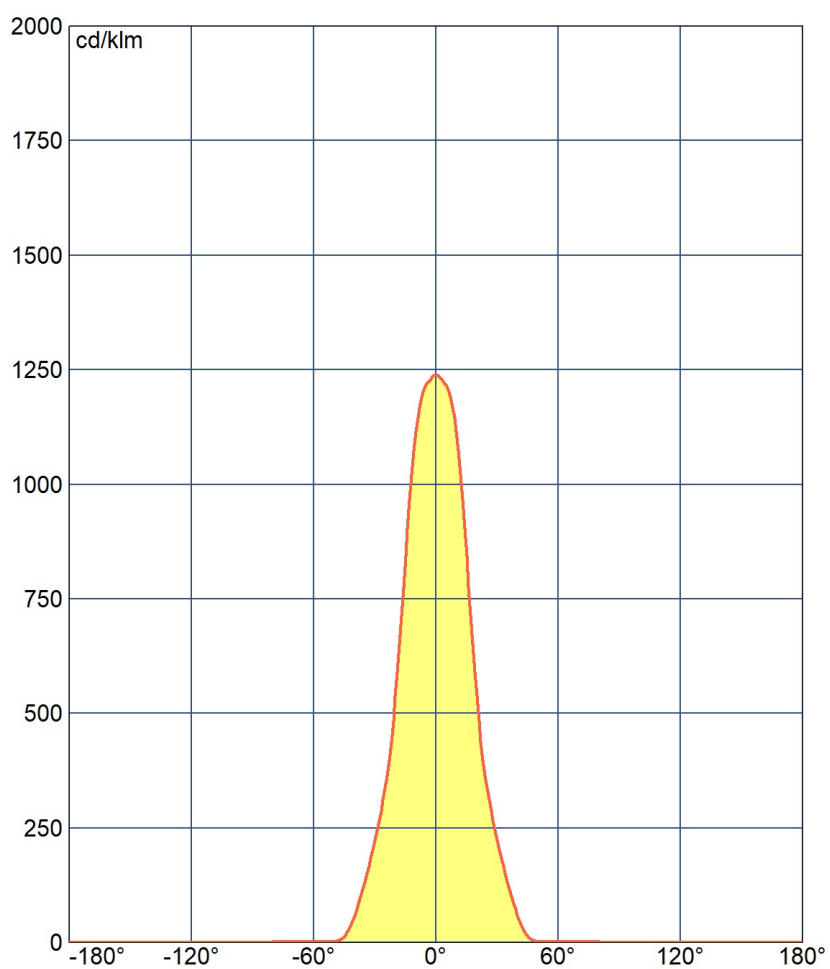
Maximum 1238.65 cd/klm

Position C=0.00 G=0.00

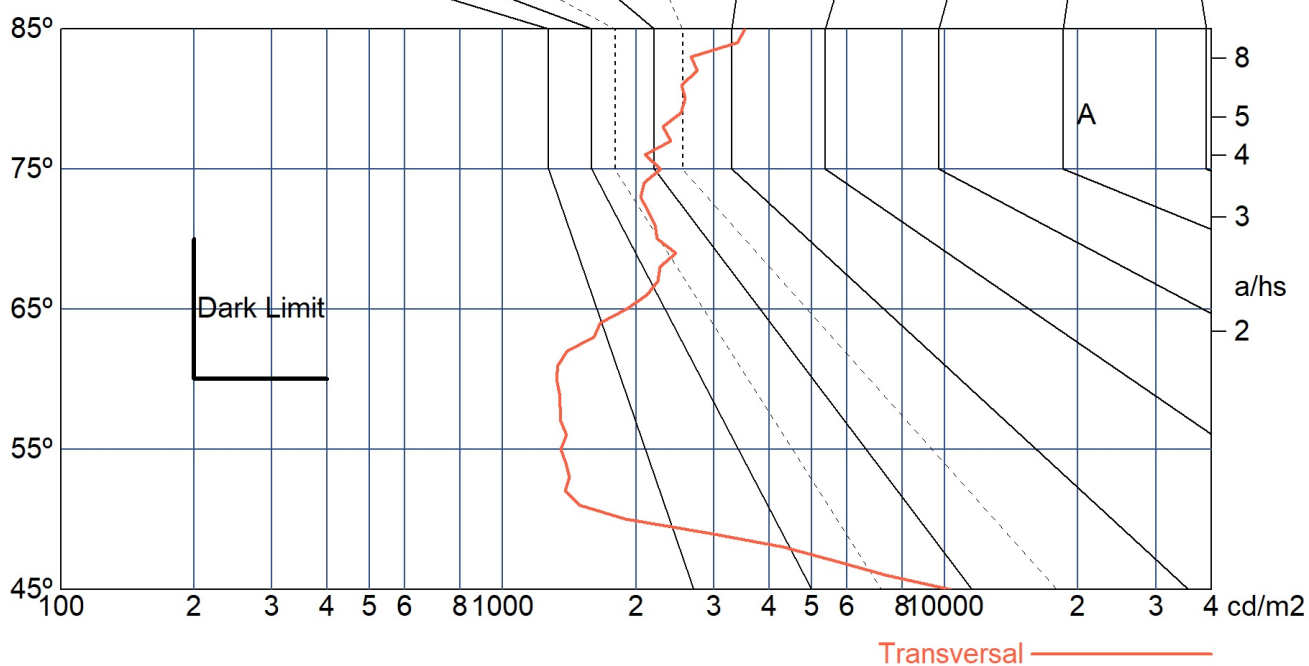
Efficiency: 60.03%

Date: 27-01-2000

Rotosymmetrical



Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



0.5	0.33	E(0°) E(C0)	18.5°	5326 2276
1.0	0.67	E(0°) E(C0)	18.5°	1332 569
1.5	1.00	E(0°) E(C0)	18.5°	592 253
2.0	1.34	E(0°) E(C0)	18.5°	333 142
2.5	1.67	E(0°) E(C0)	18.5°	213 91
3.0	2.01	E(0°) E(C0)	18.5°	148 63

Distance [m]

Cone Diameter [m]

Illuminance [lx]

— C0 - C180 (Half value angle: 37.0°)

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	17.3	18.0	17.6	18.2	18.4	17.3	18.0	17.6	18.2	18.4
	3H	17.2	17.8	17.5	18.1	18.3	17.2	17.8	17.5	18.1	18.3
	4H	17.2	17.7	17.5	18.0	18.3	17.2	17.7	17.5	18.0	18.3
	6H	17.1	17.7	17.5	17.9	18.2	17.1	17.7	17.5	17.9	18.2
	8H	17.1	17.6	17.5	17.9	18.2	17.1	17.6	17.5	17.9	18.2
	12H	17.1	17.6	17.5	17.9	18.2	17.1	17.6	17.5	17.9	18.2
4H	2H	17.1	17.7	17.4	18.0	18.2	17.1	17.7	17.4	18.0	18.2
	3H	17.0	17.5	17.4	17.8	18.1	17.0	17.5	17.4	17.8	18.1
	4H	17.0	17.4	17.4	17.7	18.1	17.0	17.4	17.4	17.7	18.1
	6H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1
	8H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1
	12H	17.0	17.2	17.4	17.6	18.0	17.0	17.2	17.4	17.6	18.0
8H	4H	16.9	17.2	17.3	17.6	18.0	16.9	17.2	17.3	17.6	18.0
	6H	16.9	17.1	17.4	17.5	18.0	16.9	17.1	17.4	17.5	18.0
	8H	16.9	17.1	17.4	17.5	18.0	16.9	17.1	17.4	17.5	18.0
	12H	16.9	17.1	17.4	17.5	18.0	16.9	17.1	17.4	17.5	18.0
12H	4H	16.9	17.1	17.3	17.5	18.0	16.9	17.1	17.3	17.5	18.0
	6H	16.9	17.1	17.3	17.5	18.0	16.9	17.1	17.3	17.5	18.0
	8H	16.9	17.0	17.4	17.5	18.0	16.9	17.0	17.4	17.5	18.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		+5.1 / -8.2					+5.1 / -8.2				
S = 1.5H		+7.8 / -8.7					+7.8 / -8.7				
S = 2.0H		+9.8 / -8.9					+9.8 / -8.9				
Standard table		BK00					BK00				
Correction summand		-3.0					-3.0				
Corrected glare indices referring to 1075lm total luminous flux											