

Luminaire

Code VDL8A2 15W
Name VDL8A2 15W

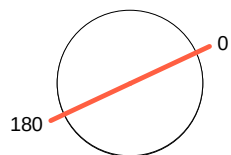
Measurement

Code VDL8A2 15W
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Luminaire Flux	2040.60 lm	Luminaire Power	16.60 W	Efficacy	122.93 lm/W	Efficiency	100.52%
Lamps Flux	2030.00 lm	Maximum value	1037.60 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	135 mm	Height	1 mm		
Round Luminous Area		Diam.	135 mm	Height	0 mm		
Horizontal Luminous Area		0.014314 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°		0.003463 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		27-01-2000		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2030.00 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
		CHLP_2030 16C6W		Name CHLP_2030 16C6W		2030.00	16.60	1
C.I.E.	93 99 100 100 101			D DIN 5040		A60		
F UTE	1.01 A			B NBN		BZ 1		

Diam=135mm

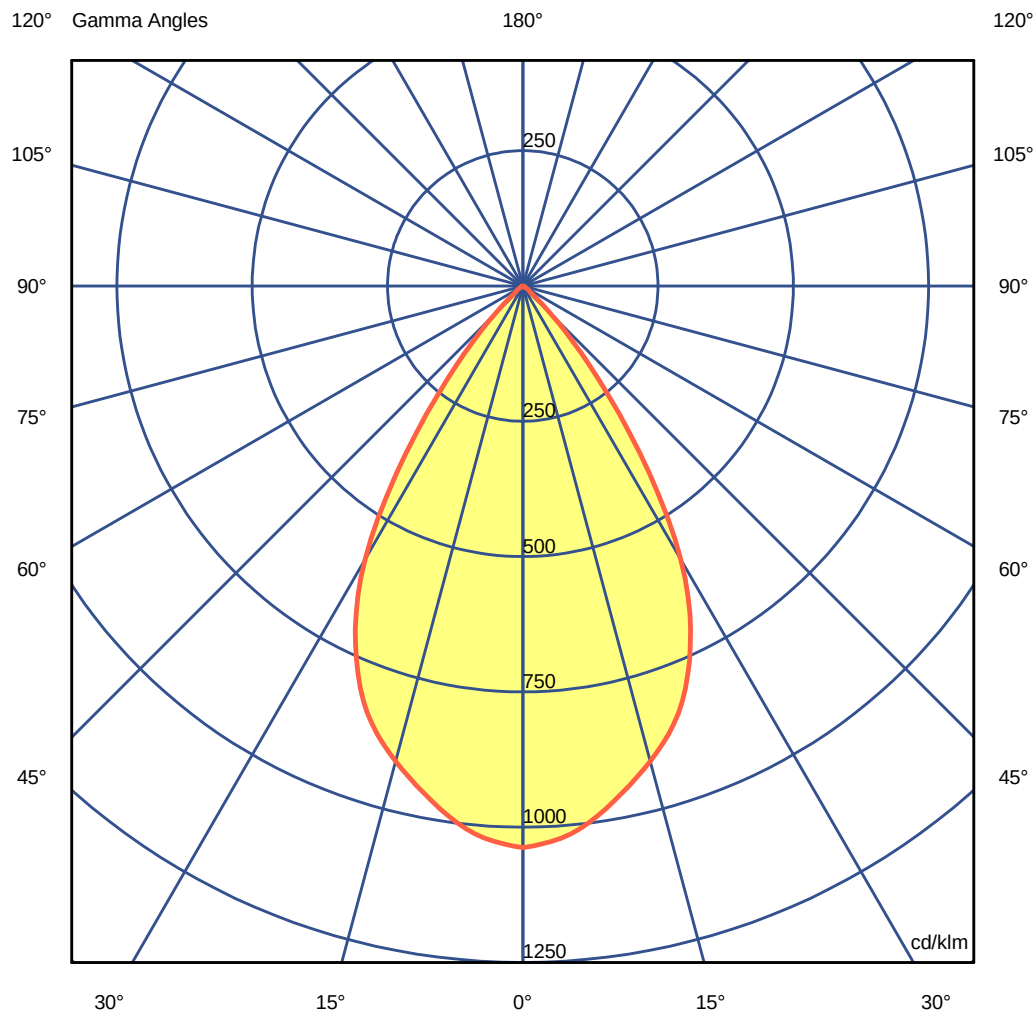


C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.52 %





" ĐẲNG CẤP NGƯỜI DẪN ĐẦU "

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Measurem.

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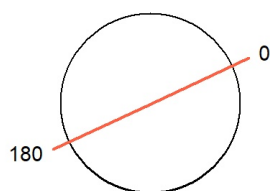
Luminaire Flux	2040.60 lm	Luminaire Power	16.60 W	Efficacy	122.93 lm/W	Efficiency	100.52%
Lamps Flux	2030.00 lm	Maximum value	1037.60 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm Table 1/1

C 0.00

G 0.0	1037.60
G 5.0	1015.80
G 10.0	966.70
G 15.0	908.60
G 20.0	839.90
G 25.0	732.20
G 30.0	583.10
G 35.0	376.20
G 40.0	192.10
G 45.0	78.00
G 50.0	18.80
G 55.0	13.60
G 60.0	6.10
G 65.0	4.00
G 70.0	2.30
G 75.0	1.30
G 80.0	0.60
G 85.0	0.20
G 90.0	0.10
G 95.0	0.00
G100.0	0.00
G105.0	0.00
G110.0	0.00
G115.0	0.00
G120.0	0.00
G125.0	0.00
G130.0	0.00
G135.0	0.00
G140.0	0.00
G145.0	0.00
G150.0	0.00
G155.0	0.00
G160.0	0.00
G165.0	0.00
G170.0	0.00
G175.0	0.00
G180.0	0.00

Diam=135mm



C Halfplanes

180.0 — 0.0

Flux 2030.00 lm

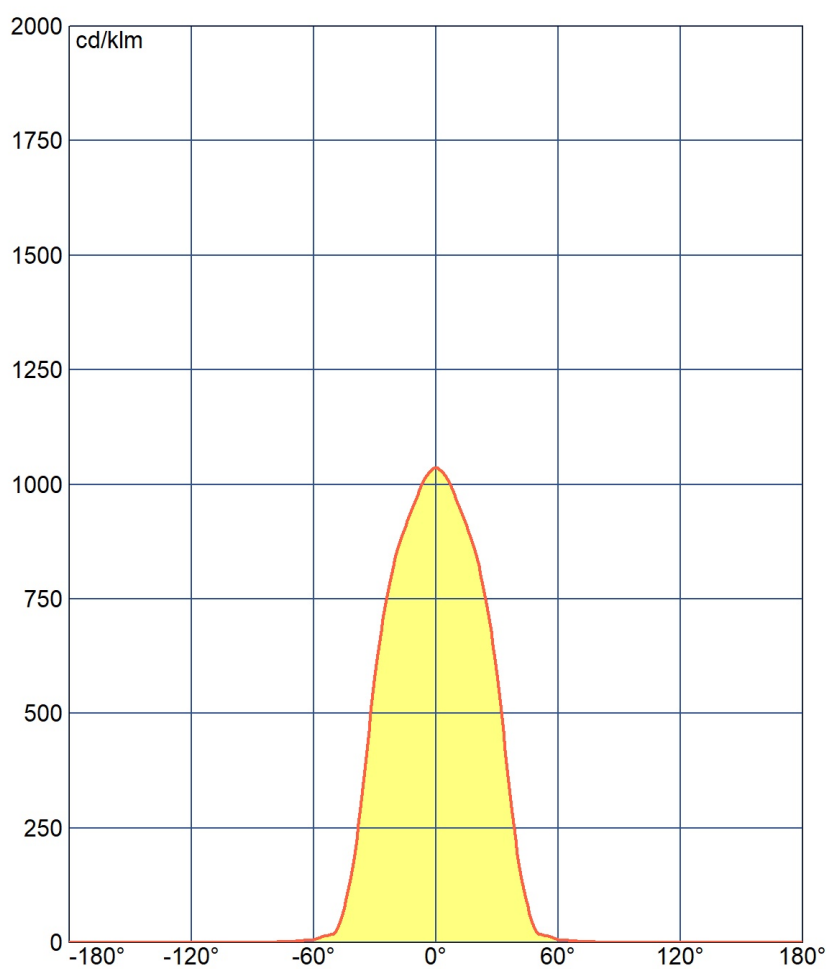
Maximum 1037.60 cd/klm

Position C=0.00 G=0.00

Efficiency: 100.52%

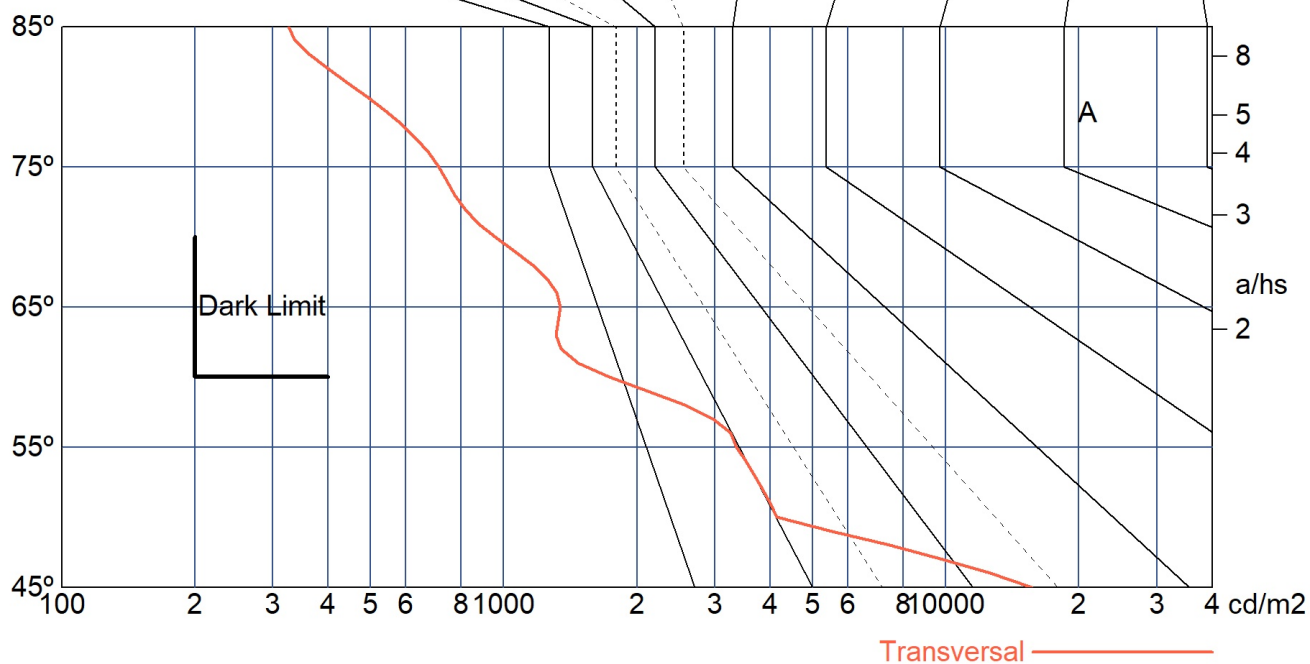
Date: 27-01-2000

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	0.61	E(0°) E(C0)	31.5°	8425 2623
1.0	1.23	E(0°) E(C0)	31.5°	2106 656
1.5	1.84	E(0°) E(C0)	31.5°	936 291
2.0	2.45	E(0°) E(C0)	31.5°	527 164
2.5	3.06	E(0°) E(C0)	31.5°	337 105
3.0	3.68	E(0°) E(C0)	31.5°	234 73

Distance [m]

Cone Diameter [m]

Illuminance [lx]

— C0 - C180 (Half value angle: 63.0°)

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	18.6	19.3	18.8	19.5	19.7	18.6	19.3	18.8	19.5	19.7
	3H	18.4	19.1	18.7	19.3	19.5	18.4	19.1	18.7	19.3	19.5
	4H	18.4	19.0	18.7	19.2	19.5	18.4	19.0	18.7	19.2	19.5
	6H	18.3	18.8	18.6	19.1	19.4	18.3	18.8	18.6	19.1	19.4
	8H	18.3	18.8	18.6	19.1	19.4	18.3	18.8	18.6	19.1	19.4
	12H	18.2	18.7	18.6	19.0	19.3	18.2	18.7	18.6	19.0	19.3
4H	2H	18.4	19.0	18.7	19.2	19.5	18.4	19.0	18.7	19.2	19.5
	3H	18.2	18.7	18.6	19.0	19.3	18.2	18.7	18.6	19.0	19.3
	4H	18.2	18.6	18.5	18.9	19.3	18.2	18.6	18.5	18.9	19.3
	6H	18.1	18.5	18.5	18.8	19.2	18.1	18.5	18.5	18.8	19.2
	8H	18.1	18.4	18.5	18.8	19.2	18.1	18.4	18.5	18.8	19.2
	12H	18.0	18.3	18.5	18.7	19.1	18.0	18.3	18.5	18.7	19.1
8H	4H	18.1	18.4	18.5	18.8	19.2	18.1	18.4	18.5	18.8	19.2
	6H	18.0	18.2	18.4	18.6	19.1	18.0	18.2	18.4	18.6	19.1
	8H	17.9	18.1	18.4	18.6	19.0	17.9	18.1	18.4	18.6	19.0
	12H	17.9	18.1	18.4	18.5	19.0	17.9	18.1	18.4	18.5	19.0
12H	4H	18.0	18.3	18.5	18.7	19.1	18.0	18.3	18.5	18.7	19.1
	6H	17.9	18.1	18.4	18.6	19.0	17.9	18.1	18.4	18.6	19.0
	8H	17.9	18.1	18.4	18.5	19.0	17.9	18.1	18.4	18.5	19.0
Variation of the observerposition for the luminaire distance S											
S = 1.0H	+4.5 / -10.6					+4.5 / -10.6					
S = 1.5H	+7.2 / -13.0					+7.2 / -13.0					
S = 2.0H	+9.2 / -14.1					+9.2 / -14.1					
Standard table	BK00					BK00					
Correction summand	-0.1					-0.1					
Corrected glare indices referring to 2030lm total luminous flux											