

Luminaire

Code VEJT8 20W

Name VEJT8 20W

Measurement

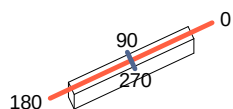
Code VEJT8 20W

Name VEJT8 20W

Luminaire Flux	2349.76 lm	Luminaire Power	20.00 W	Efficacy	117.49 lm/W	Efficiency	100.03%
Lamps Flux	2349.00 lm	Maximum value	283.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	57 mm	Width	562 mm	Height	24 mm
Rectangular Luminous Area		Length	57 mm	Width	562 mm	Height	24 mm
Horizontal Luminous Area		0.032034 m2		Emitting area on Plane 180°		0.001368 m2	
Emitting area on Plane 0°		0.001368 m2		Emitting area on Plane 270°		0.013488 m2	
Emitting area on Plane 90°		0.013488 m2		Glare area at 76°		0.009077 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		27-01-2000		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2349.00 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
		LED19S/840/-	Name		2349.00	20.00	1
			LED19S/840/-				
C.I.E.	42 72 90 91 100		D DIN 5040		A31		
F UTE	0.91 G + 0.09 T		B NBN		BZ 5		

57mm x 562mm

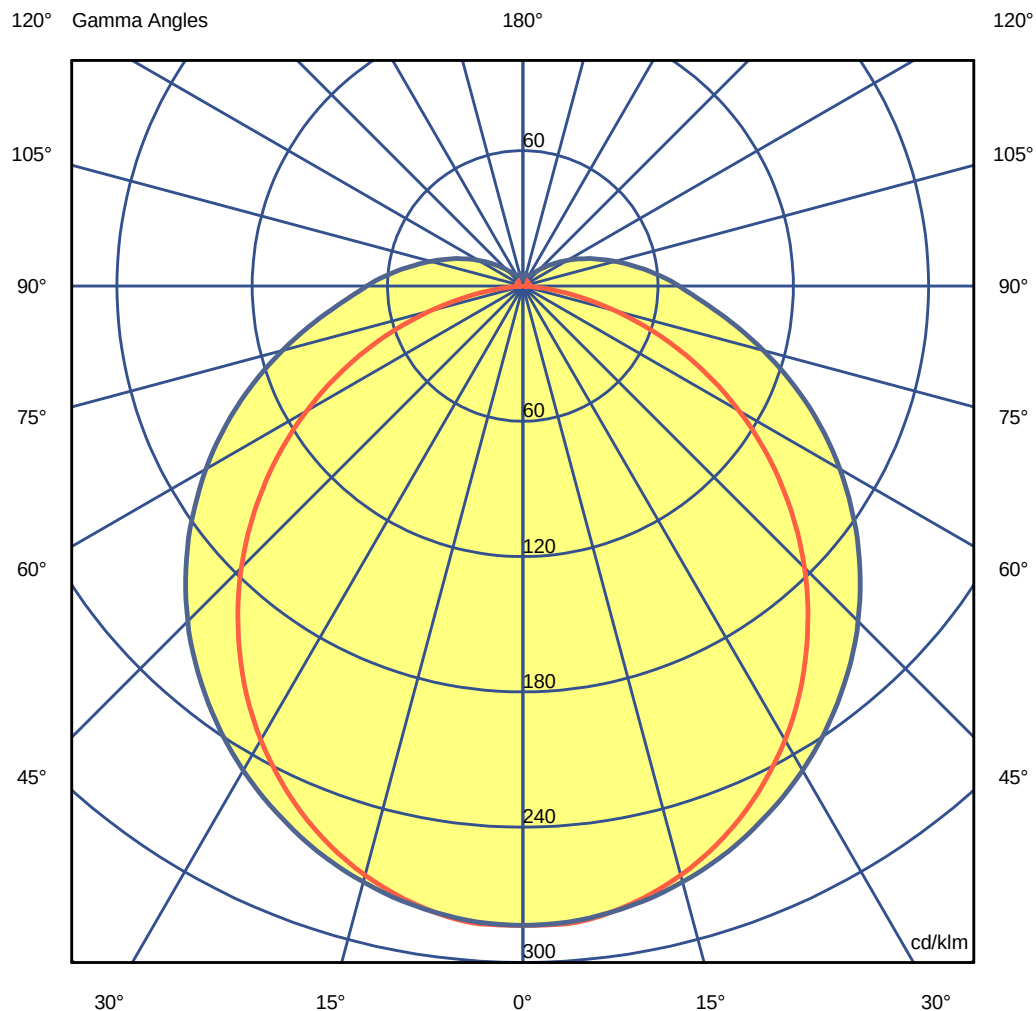


C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 9.40 %

DLOR 90.63 %





" ĐẲNG CẤP NGƯỜI DẪN ĐẦU "

Luminaire

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Measurment

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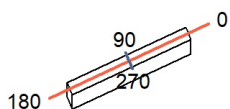
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Lamps Flux	2349.00 lm	Maximum value	283.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm Table 2/2

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00
G 0.0	283.52	283.52	283.52	283.52	283.52	283.52
G 4.0	282.12	282.12	282.12	282.12	282.32	282.72
G 8.0	279.92	280.12	280.12	280.12	280.22	280.42
G 12.0	276.12	276.32	276.52	276.72	276.72	277.01
G 16.0	271.22	271.51	271.71	272.01	272.01	272.31
G 20.0	264.81	265.51	265.91	266.11	266.41	266.71
G 24.0	257.41	258.21	258.71	259.31	259.51	259.71
G 28.0	249.01	250.11	250.80	251.41	251.81	252.11
G 32.0	239.60	241.10	242.00	242.70	243.40	243.60
G 36.0	229.50	231.10	232.40	233.20	233.90	234.20
G 40.0	218.49	220.49	221.89	222.89	223.69	224.00
G 44.0	206.79	208.99	210.69	211.79	212.59	213.19
G 46.0	200.68	202.89	204.69	205.89	206.89	207.19
G 48.0	194.38	196.78	198.59	199.88	200.88	201.28
G 50.0	187.88	190.38	192.38	193.68	194.78	195.08
G 52.0	181.28	183.88	185.88	187.28	188.38	188.78
G 54.0	174.47	177.18	179.28	180.77	181.88	182.38
G 56.0	167.77	170.47	172.67	174.27	175.38	175.67
G 58.0	160.87	163.67	165.87	167.47	168.77	169.07
G 60.0	153.97	156.87	159.07	160.87	161.87	162.47
G 62.0	146.96	149.97	152.26	153.97	155.17	155.57
G 64.0	139.96	142.86	145.16	147.06	148.16	148.66
G 66.0	132.95	135.96	138.36	140.16	141.36	141.66
G 68.0	125.96	129.05	131.36	133.16	134.36	134.75
G 70.0	118.95	121.95	124.35	126.15	127.25	127.65
G 72.0	112.05	115.05	117.35	119.15	120.25	120.65
G 74.0	105.14	108.14	110.45	112.25	113.35	113.75
G 76.0	98.44	101.54	103.84	105.64	106.75	107.15
G 78.0	92.04	95.14	97.44	99.24	100.24	100.64
G 80.0	85.84	88.94	91.24	92.94	94.04	94.44
G 82.0	79.94	82.94	85.34	87.04	88.13	88.44
G 84.0	74.33	77.33	79.74	81.34	82.43	82.83
G 86.0	69.43	72.43	74.73	76.43	77.53	77.83
G 88.0	64.93	67.83	70.13	71.83	72.83	73.13
G 90.0	61.03	63.92	66.23	67.83	68.93	69.23
G 92.0	57.53	60.43	62.63	64.23	65.33	65.63
G 94.0	53.62	56.53	58.73	60.33	61.33	61.63
G 96.0	50.02	52.82	55.02	56.53	57.53	57.82
G 98.0	46.52	49.32	51.42	52.92	53.82	54.12
G100.0	43.22	45.92	47.92	49.42	50.32	50.52
G102.0	40.12	42.72	44.72	46.12	46.92	47.12
G104.0	37.22	39.72	41.62	42.92	43.72	43.92
G106.0	34.52	36.92	38.72	39.92	40.62	40.82
G108.0	31.92	34.21	35.91	37.12	37.72	37.91
G110.0	29.51	31.61	33.31	34.31	35.01	35.11
G112.0	27.11	29.21	30.81	31.81	32.32	32.52
G114.0	24.81	26.81	28.41	29.31	29.81	29.91
G116.0	22.71	24.61	26.01	26.91	27.41	27.51
G118.0	20.61	22.41	23.81	24.61	25.01	25.11
G120.0	18.81	20.41	21.71	22.51	22.81	22.91
G122.0	17.01	18.51	19.71	20.41	20.71	20.81
G124.0	15.41	16.81	17.81	18.51	18.81	18.81
G126.0	13.90	15.10	16.11	16.70	16.90	17.01
G128.0	12.41	13.51	14.41	15.01	15.21	15.31
G130.0	11.11	12.10	12.91	13.41	13.61	13.71
G132.0	9.91	10.80	11.51	11.91	12.10	12.21
G134.0	8.80	9.70	10.31	10.60	10.80	10.91
G138.0	7.00	7.71	8.20	8.51	8.71	8.80
G142.0	5.80	6.30	6.60	6.90	7.00	7.10
G146.0	5.10	5.40	5.60	5.70	5.80	5.90
G150.0	4.90	5.10	5.10	5.20	5.20	5.30
G154.0	5.00	5.00	5.00	5.00	5.10	5.10
G158.0	5.20	5.20	5.10	5.10	5.10	5.10
G162.0	5.50	5.40	5.40	5.40	5.40	5.40
G166.0	5.70	5.70	5.60	5.60	5.70	5.70
G170.0	5.60	5.60	5.60	5.60	5.60	5.60
G174.0	4.10	4.20	4.20	4.30	4.30	4.30
G178.0	2.90	2.90	2.90	2.90	2.90	2.90
G180.0	3.00	3.00	3.00	3.00	3.00	3.00

57mm x 562mm



C Halfplanes

180.0 — 0.0

270.0 — 90.0

Flux 2349.00 lm

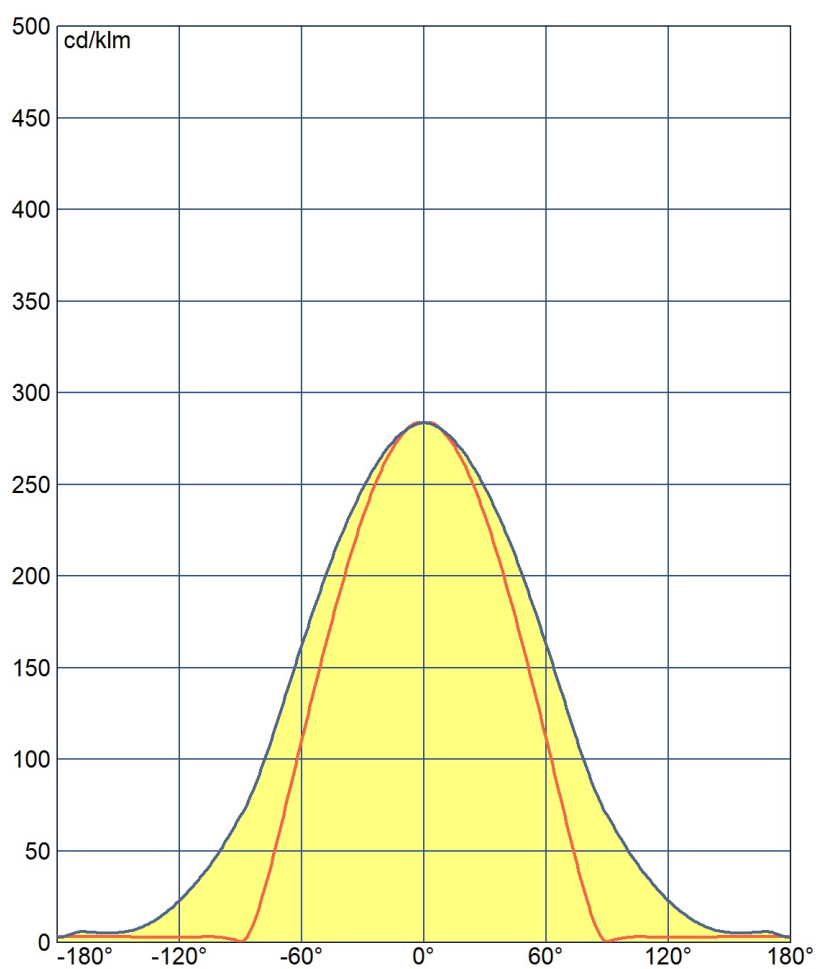
Maximum 283.52 cd/klm

Position C=0.00 G=0.00

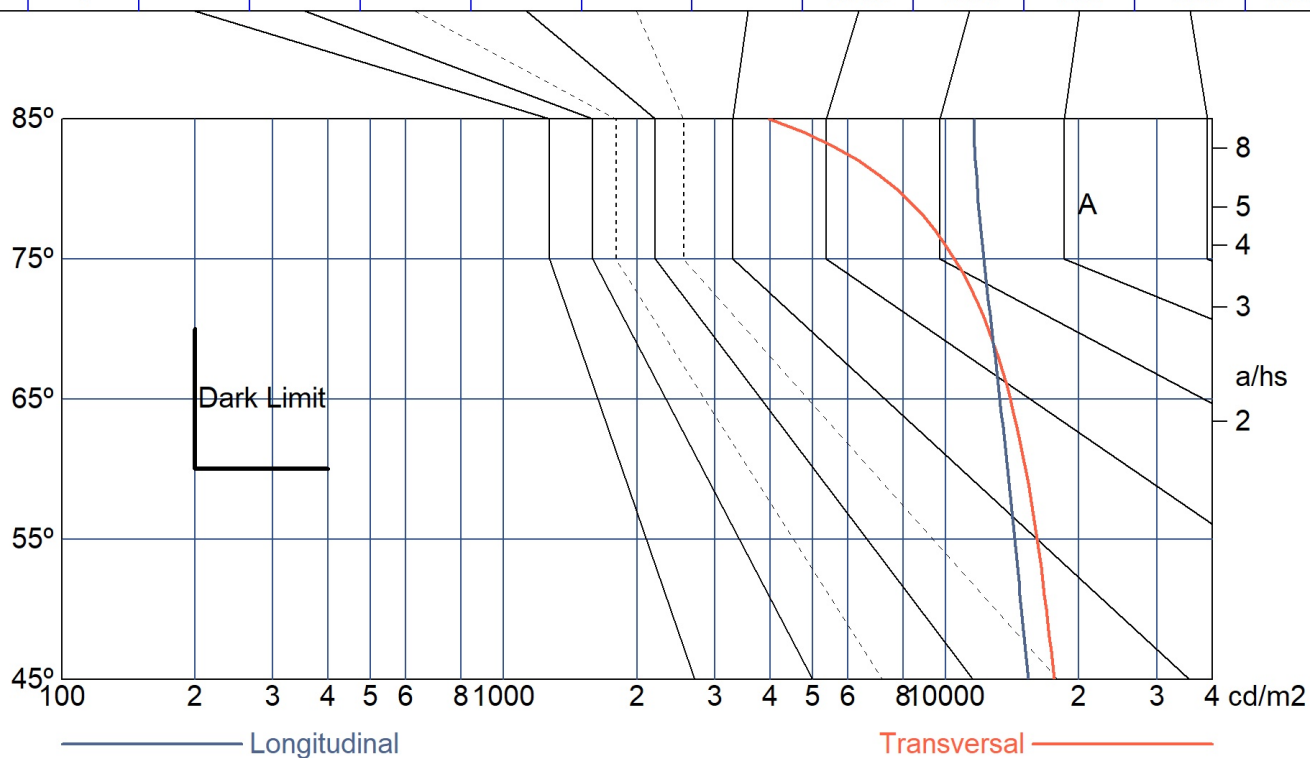
Efficiency: 100.03%

Date: 27-01-2000

Double Symmetrical



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	2.24 1.33	E(0°) E(C90) E(C0)	65.9° 53.1°	2664 91 288
1.0	4.47 2.66	E(0°) E(C90) E(C0)	65.9° 53.1°	666 23 72
1.5	6.71 4.00	E(0°) E(C90) E(C0)	65.9° 53.1°	296 10 32
2.0	8.94 5.33	E(0°) E(C90) E(C0)	65.9° 53.1°	166 6 18
2.5	11.18 6.66	E(0°) E(C90) E(C0)	65.9° 53.1°	107 4 12
3.0	13.41 7.99	E(0°) E(C90) E(C0)	65.9° 53.1°	74 3 8

Distance [m]

Cone Diameter [m]

Illuminance [lx]

— C0 - C180 (Half value angle: 106.2°)

— C90 - C270 (Half value angle: 131.8°)

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	20.7	22.0	21.2	22.4	22.8	21.5	22.8	21.9	23.2	23.6
	3H	22.1	23.2	22.5	23.7	24.1	23.4	24.6	23.9	25.0	25.5
	4H	22.5	23.6	23.0	24.1	24.6	24.3	25.4	24.8	25.9	26.3
	6H	22.8	23.8	23.3	24.3	24.8	25.2	26.2	25.7	26.7	27.2
	8H	22.9	23.8	23.4	24.3	24.9	25.6	26.6	26.1	27.0	27.6
	12H	22.9	23.8	23.4	24.3	24.8	26.0	26.9	26.5	27.4	27.9
4H	2H	21.5	22.6	21.9	23.0	23.5	22.1	23.2	22.6	23.6	24.1
	3H	23.0	23.9	23.5	24.4	25.0	24.2	25.1	24.7	25.6	26.2
	4H	23.6	24.5	24.2	25.0	25.6	25.3	26.1	25.8	26.6	27.2
	6H	24.0	24.8	24.6	25.3	25.9	26.3	27.1	26.9	27.6	28.2
	8H	24.1	24.8	24.7	25.4	26.0	26.8	27.5	27.4	28.1	28.7
	12H	24.2	24.8	24.8	25.4	26.0	27.3	27.9	27.9	28.5	29.1
8H	4H	24.1	24.8	24.7	25.4	26.0	25.5	26.2	26.1	26.8	27.4
	6H	24.7	25.3	25.3	25.9	26.6	26.8	27.4	27.4	28.0	28.6
	8H	25.0	25.5	25.6	26.1	26.7	27.4	28.0	28.1	28.6	29.2
	12H	25.1	25.5	25.7	26.1	26.8	28.1	28.6	28.7	29.2	29.9
12H	4H	24.2	24.9	24.8	25.4	26.1	25.6	26.2	26.1	26.8	27.4
	6H	24.9	25.5	25.6	26.1	26.7	26.9	27.4	27.5	28.0	28.7
	8H	25.2	25.7	25.9	26.3	27.0	27.6	28.0	28.2	28.7	29.4

Variation of the observer position for the luminaire distance S

S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.3	+0.2 / -0.2
S = 2.0H	+0.4 / -0.6	+0.3 / -0.5
Standard table	BK06	BK08
Correction summand	8.1	11.1

Corrected glare indices referring to 2349lm total luminous flux