

Luminaire

Code 5175-AB-N
Name Dolt Spot 20W 1520LM 4000K 36°

Measurem.

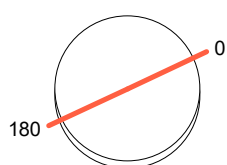
Code 69/2020
Name Dolt Spot 20W 1520LM 4000K 36°

Luminaire Flux	1520.29 lm	Luminaire Power	19.60 W	Efficacy	77.57 lm/W	Efficiency	100.00%
Sources Flux	1520.29 lm	Maximum value	3723.72 cd	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	100 mm	Height	95 mm		
Round Luminous Area		Diam.	100 mm	Height	95 mm		
Horizontal Luminous Area		0.007854 m2		Emitting area on Plane 180°		0.009500 m2	
Emitting area on Plane 0°		0.009500 m2		Emitting area on Plane 270°		0.009500 m2	
Emitting area on Plane 90°		0.009500 m2		Glare area at 76°		0.011118 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-03-2020		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1520.29 lm	
Operator				Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	5175-AB-N	LED 20W 1520LM 4000K IRC>90 SDMC<3 NICHIA	1520.29	19.60	1
C.I.E.	99 100 100 99 100	D DIN 5040	A61		
F UTE	--	B NBN	BZ 1		

Diam=100mm



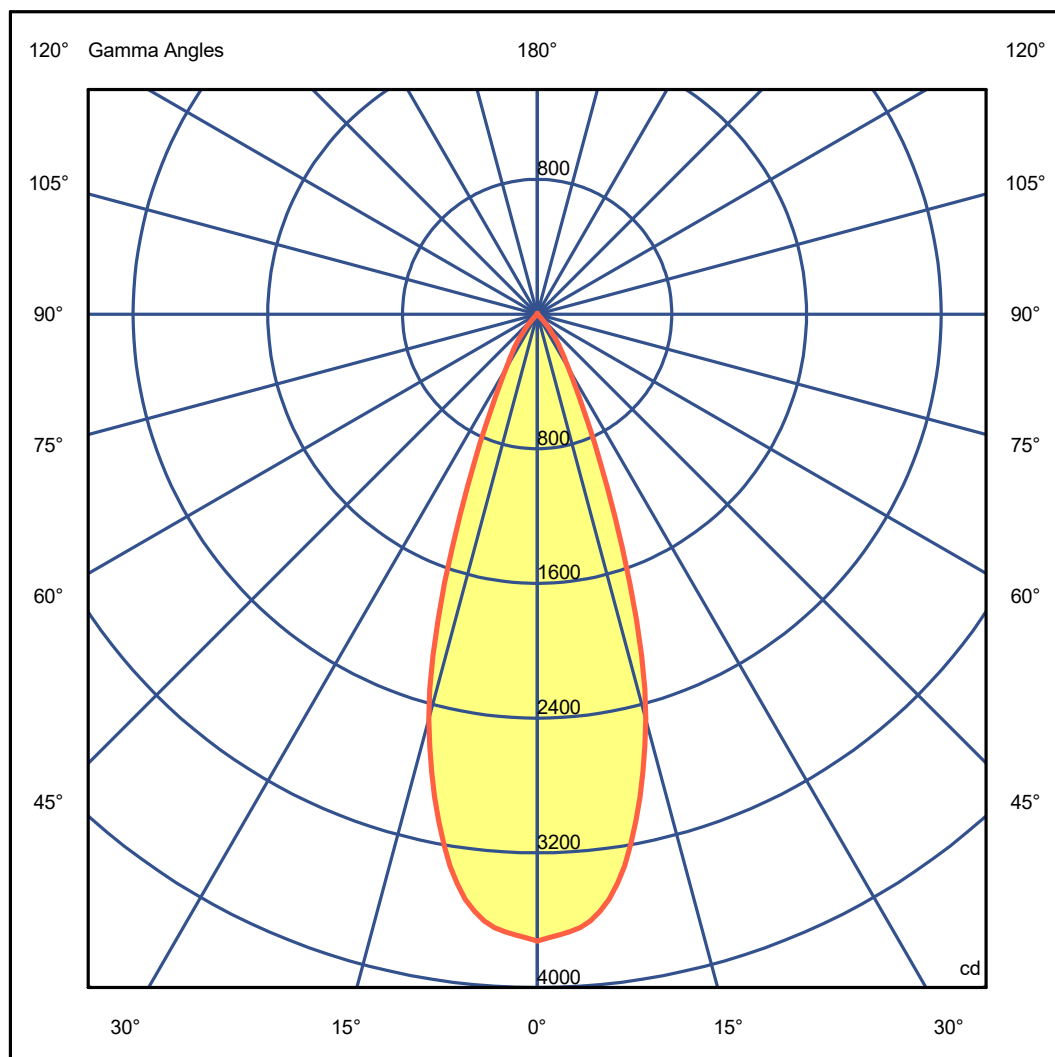
C Halfplanes

180.0 — 0.0

ULOR 0.82 %

DLOR 99.18 %

RN 0.82 %



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Sources Flux	1520.29 lm	Maximum value	3723.72 cd	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminous Intensity Table cd Table 1/1

C 0.00		C 0.00		C 0.00		C 0.00	
G 0.0	3723.72	G 46.0	19.18	G 92.0	0.02	G 138.0	3.73
G 1.0	3705.03	G 47.0	13.60	G 93.0	0.02	G 139.0	3.87
G 2.0	3689.74	G 48.0	8.88	G 94.0	0.02	G 140.0	4.00
G 3.0	3673.10	G 49.0	5.68	G 95.0	0.03	G 141.0	4.12
G 4.0	3651.63	G 50.0	4.07	G 96.0	0.03	G 142.0	4.25
G 5.0	3617.20	G 51.0	3.06	G 97.0	0.03	G 143.0	4.36
G 6.0	3566.84	G 52.0	2.37	G 98.0	0.05	G 144.0	4.46
G 7.0	3502.17	G 53.0	1.87	G 99.0	0.08	G 145.0	4.57
G 8.0	3416.00	G 54.0	1.56	G 100.0	0.08	G 146.0	4.67
G 9.0	3316.70	G 55.0	1.39	G 101.0	0.09	G 147.0	4.75
G 10.0	3196.33	G 56.0	1.28	G 102.0	0.12	G 148.0	4.84
G 11.0	3067.38	G 57.0	1.20	G 103.0	0.12	G 149.0	4.90
G 12.0	2931.60	G 58.0	1.12	G 104.0	0.17	G 150.0	4.96
G 13.0	2788.59	G 59.0	1.06	G 105.0	0.19	G 151.0	5.03
G 14.0	2643.21	G 60.0	1.01	G 106.0	0.22	G 152.0	5.07
G 15.0	2488.61	G 61.0	0.95	G 107.0	0.27	G 153.0	5.12
G 16.0	2315.26	G 62.0	0.91	G 108.0	0.30	G 154.0	5.17
G 17.0	2121.99	G 63.0	0.86	G 109.0	0.34	G 155.0	5.20
G 18.0	1909.85	G 64.0	0.81	G 110.0	0.39	G 156.0	5.23
G 19.0	1690.45	G 65.0	0.76	G 111.0	0.44	G 157.0	5.26
G 20.0	1480.05	G 66.0	0.73	G 112.0	0.50	G 158.0	5.28
G 21.0	1283.97	G 67.0	0.69	G 113.0	0.56	G 159.0	5.29
G 22.0	1110.96	G 68.0	0.66	G 114.0	0.64	G 160.0	5.31
G 23.0	958.02	G 69.0	0.62	G 115.0	0.72	G 161.0	5.31
G 24.0	836.52	G 70.0	0.59	G 116.0	0.81	G 162.0	5.32
G 25.0	715.62	G 71.0	0.56	G 117.0	0.89	G 163.0	5.31
G 26.0	621.36	G 72.0	0.53	G 118.0	1.00	G 164.0	5.31
G 27.0	539.84	G 73.0	0.50	G 119.0	1.09	G 165.0	5.29
G 28.0	473.47	G 74.0	0.48	G 120.0	1.20	G 166.0	5.28
G 29.0	419.18	G 75.0	0.44	G 121.0	1.33	G 167.0	5.26
G 30.0	374.12	G 76.0	0.41	G 122.0	1.45	G 168.0	5.24
G 31.0	332.96	G 77.0	0.34	G 123.0	1.58	G 169.0	5.21
G 32.0	299.81	G 78.0	0.30	G 124.0	1.72	G 170.0	5.20
G 33.0	272.74	G 79.0	0.27	G 125.0	1.86	G 171.0	5.18
G 34.0	246.51	G 80.0	0.22	G 126.0	1.98	G 172.0	5.17
G 35.0	221.57	G 81.0	0.19	G 127.0	2.14	G 173.0	5.17
G 36.0	196.19	G 82.0	0.16	G 128.0	2.28	G 174.0	5.17
G 37.0	168.32	G 83.0	0.12	G 129.0	2.42	G 175.0	5.17
G 38.0	140.08	G 84.0	0.11	G 130.0	2.58	G 176.0	5.18
G 39.0	113.59	G 85.0	0.08	G 131.0	2.72	G 177.0	5.18
G 40.0	90.52	G 86.0	0.06	G 132.0	2.87	G 178.0	5.21
G 41.0	71.93	G 87.0	0.05	G 133.0	3.01	G 179.0	5.21
G 42.0	56.56	G 88.0	0.03	G 134.0	3.17	G 180.0	5.21
G 43.0	44.10	G 89.0	0.03	G 135.0	3.31		
G 44.0	34.03	G 90.0	0.02	G 136.0	3.45		
G 45.0	25.98	G 91.0	0.02	G 137.0	3.59		