

Luminaire

Code 90620L900

Name ROFY 85 D0900 GCONTROL+ K3 830 HO

Measurem.

Code 4/8/2023

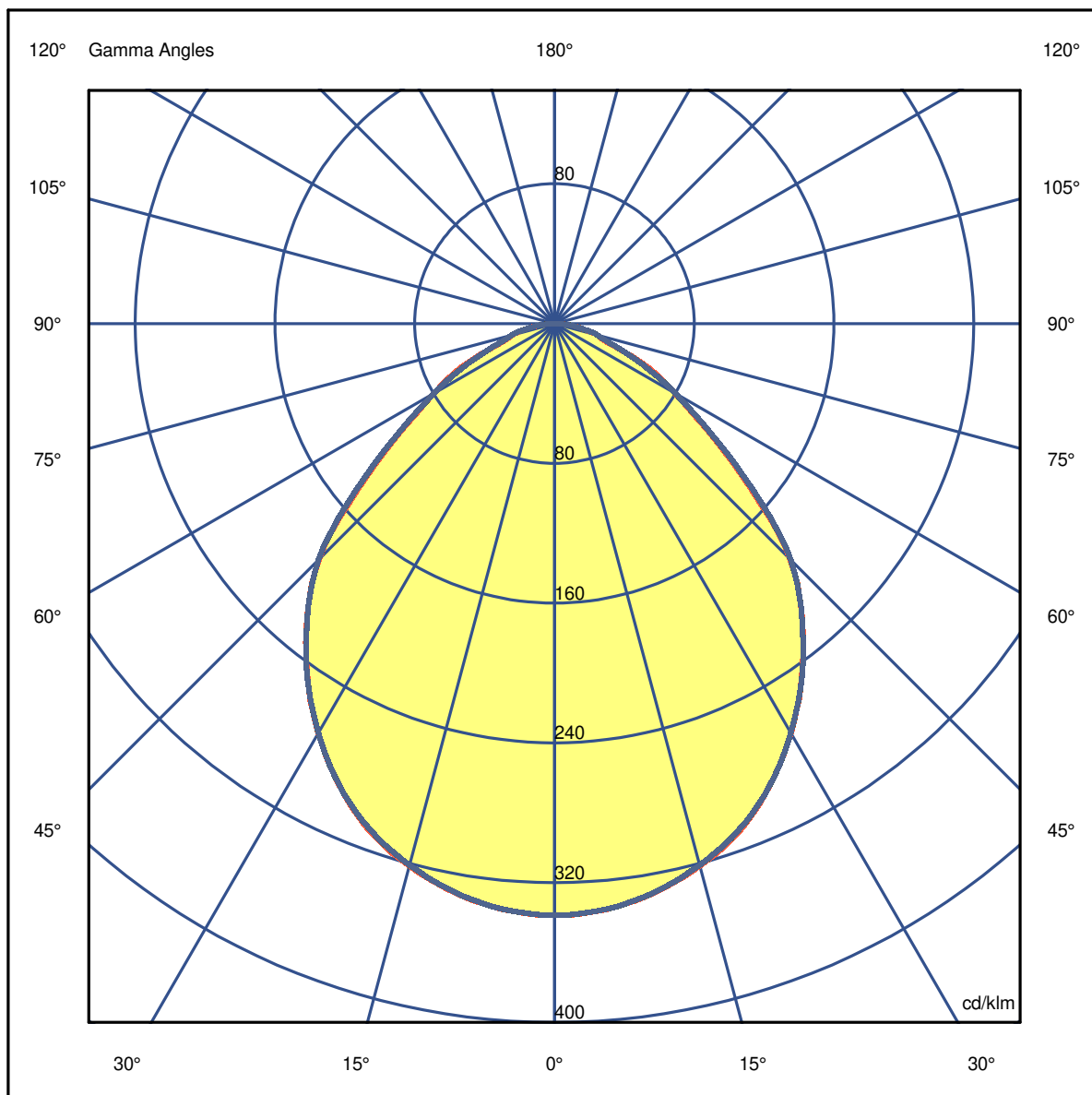
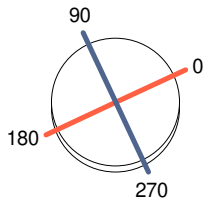
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Luminaire Flux	8643 lm	Luminaire Power	64.9 W	Efficacy	133.133 lm/W	Efficiency	73.67%
Source Flux	11732 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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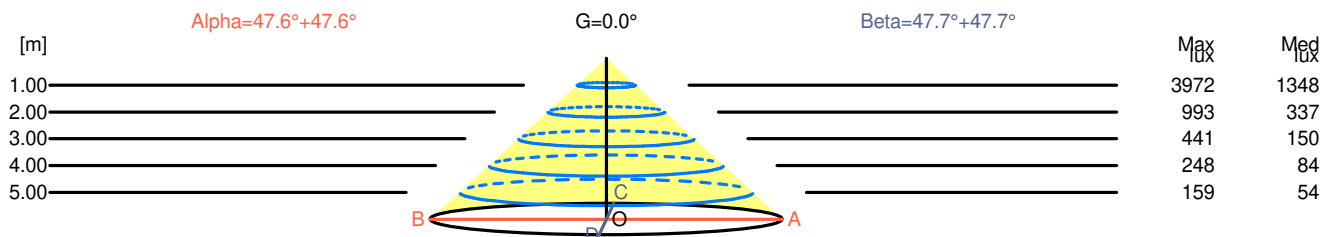
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.09	2.19	3.28	4.38	5.47	OC	1.10	2.20	3.30	4.40	5.50
OB	1.09	2.19	3.28	4.38	5.47	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	3972.46	3948.99	3769.49	3422.22	2893.11	2237.29	1260.02	687.50	296.82	84.47
OB	3972.46	3948.99	3769.49	3422.22	2893.11	2237.29	1260.02	687.50	296.82	84.47
OC	3972.46	3947.82	3764.80	3419.88	2895.46	2243.16	1278.79	654.65	299.17	83.30
OD	3972.46	3947.82	3764.80	3419.88	2895.46	2243.16	1278.79	654.65	299.17	83.30



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	3972	1348			
2.00	4.38	993	337			
3.00	6.57	441	150			
4.00	8.76	248	84			
5.00	10.95	159	54			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	3972	1348			
2.00	4.40	993	337			
3.00	6.60	441	150			
4.00	8.80	248	84			
5.00	10.99	159	54			

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Source Flux	11732 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.1	17.3	16.4	17.5	17.8	16.2	17.3	16.4	17.5	17.8
x=2H y=3H	16.8	17.8	17.1	18.1	18.3	16.8	17.8	17.1	18.1	18.3
x=2H y=4H	17.0	18.0	17.3	18.3	18.5	17.0	18.0	17.3	18.2	18.5
x=2H y=6H	17.2	18.1	17.5	18.4	18.7	17.2	18.1	17.5	18.4	18.7
x=2H y=8H	17.2	18.1	17.6	18.4	18.7	17.2	18.1	17.6	18.4	18.7
x=2H y=12H	17.2	18.1	17.6	18.4	18.7	17.2	18.1	17.6	18.4	18.7
x=4H y=2H	16.3	17.3	16.6	17.5	17.8	16.3	17.3	16.6	17.6	17.8
x=4H y=3H	17.1	18.0	17.5	18.3	18.6	17.1	17.9	17.5	18.2	18.6
x=4H y=4H	17.5	18.2	17.8	18.5	18.9	17.4	18.2	17.8	18.5	18.9
x=4H y=6H	17.7	18.4	18.2	18.8	19.1	17.7	18.4	18.2	18.7	19.1
x=4H y=8H	17.8	18.4	18.3	18.8	19.2	17.8	18.4	18.2	18.8	19.2
x=4H y=12H	17.9	18.4	18.3	18.8	19.3	17.9	18.4	18.3	18.8	19.2
x=8H y=4H	17.5	18.1	18.0	18.5	18.9	17.5	18.1	18.0	18.5	18.9
x=8H y=6H	17.9	18.4	18.4	18.8	19.3	17.9	18.4	18.4	18.8	19.3
x=8H y=8H	18.1	18.5	18.6	19.0	19.4	18.1	18.5	18.6	18.9	19.4
x=8H y=12H	18.2	18.6	18.7	19.0	19.5	18.2	18.5	18.7	19.0	19.5
x=12H y=4H	17.5	18.1	18.0	18.5	18.9	17.5	18.0	18.0	18.5	18.9
x=12H y=6H	18.0	18.4	18.4	18.8	19.3	17.9	18.4	18.4	18.8	19.3
x=12H y=8H	18.1	18.5	18.6	19.0	19.5	18.1	18.5	18.6	19.0	19.5

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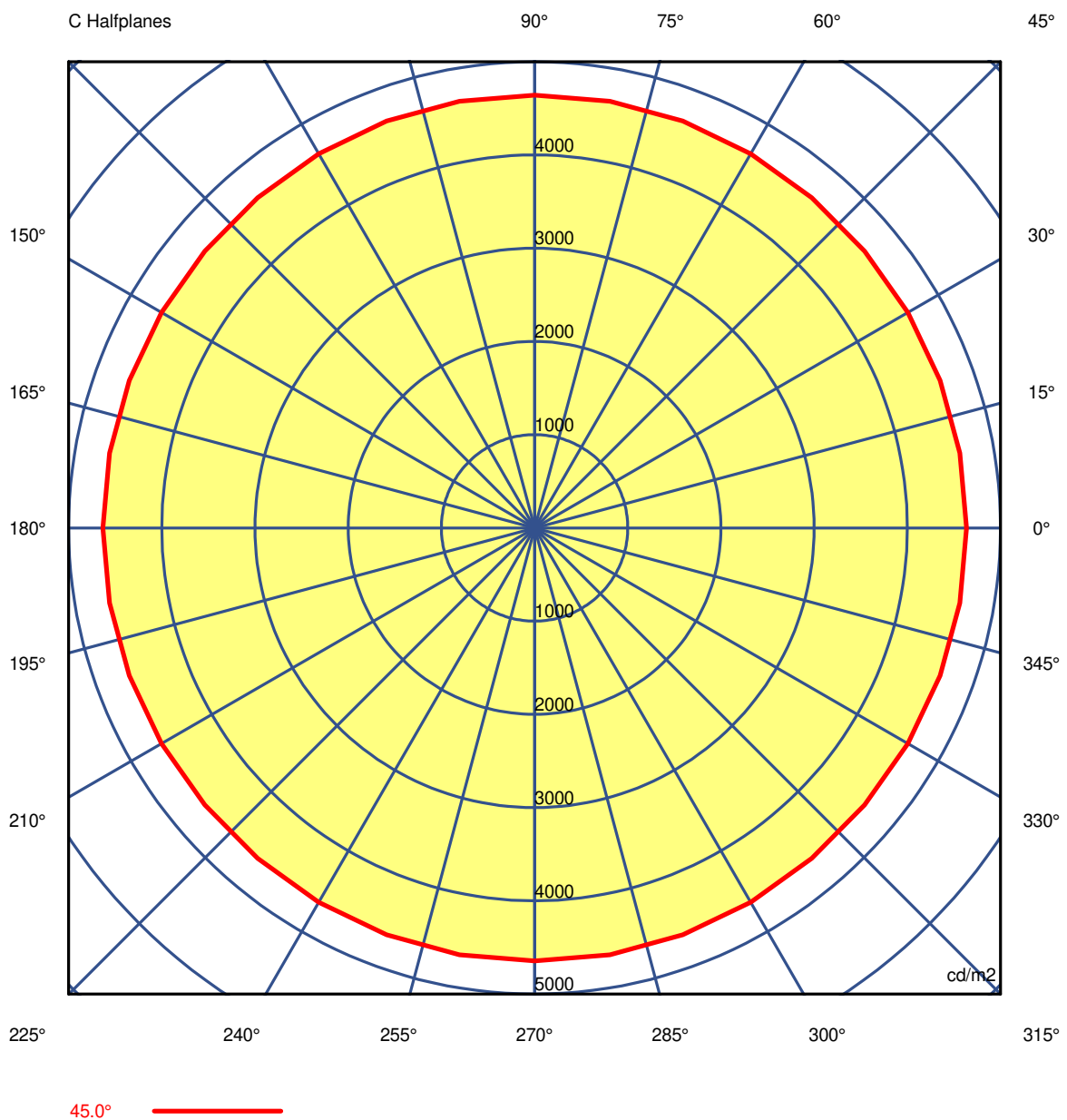
Measurem.

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Luminaire Flux	8643 lm	Luminaire Power	64.9 W	Efficacy	133.133 lm/W	Efficiency	73.67%
Source Flux	11732 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	8643 lm		Luminaire Power		64.9 W		Efficacy		133.133 lm/W		Efficiency		73.67%	
Source Flux	11732 lm		Maximum value		338.60 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	
G 5.0	6448	6445	6445	6448	6449	6448	6446	6445	6445	6446	6445	6445	6446	
G 10.0	6338	6337	6335	6334	6333	6332	6330	6330	6331	6334	6331	6330	6330	
G 15.0	6212	6209	6205	6200	6197	6195	6194	6196	6200	6204	6200	6196	6194	
G 20.0	6073	6063	6051	6038	6030	6027	6030	6042	6052	6055	6052	6042	6030	
G 25.0	5872	5865	5859	5854	5849	5846	5847	5854	5861	5868	5861	5854	5847	
G 30.0	5630	5624	5625	5634	5647	5649	5638	5628	5626	5626	5626	5628	5638	
G 35.0	5347	5349	5360	5379	5393	5396	5386	5362	5352	5351	5352	5362	5386	
G 40.0	5033	5037	5044	5056	5069	5070	5060	5051	5041	5028	5041	5051	5060	
G 45.0	4632	4632	4631	4625	4622	4625	4635	4644	4648	4645	4648	4644	4635	
G 50.0	3832	3910	3954	3900	3730	3727	3895	3960	3937	3884	3937	3960	3895	
G 55.0	3072	3302	3197	2806	2512	2489	2763	3191	3334	3118	3334	3191	2763	
G 60.0	2525	2519	2333	1962	2011	2034	2032	2358	2521	2532	2521	2358	2032	
G 65.0	2116	2063	1880	1611	1728	1754	1651	1852	1986	2015	1986	1852	1651	
G 70.0	1437	1572	1605	1513	1376	1364	1480	1558	1558	1501	1558	1558	1480	
G 75.0	1292	1337	1273	1170	1195	1197	1170	1264	1331	1303	1331	1264	1170	
G 80.0	1001	1054	1103	1126	1101	1099	1126	1118	1073	1008	1073	1118	1126	
G 85.0	662	749	829	846	760	757	837	812	732	653	732	812	837	
G 90.0	125	125	125	125	125	125	125	125	125	125	125	125	125	

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Source Flux	11732 lm		Maximum value		338.60 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical												
Luminance cd/m2														Table 2/3											
C 130.00		C 140.00		C 150.00		C 160.00		C 170.00		C 180.00		C 190.00		C 200.00		C 210.00		C 220.00		C 230.00		C 240.00		C 250.00	
G 0.0	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
G 5.0	6448	6449	6448	6445	6445	6448	6445	6445	6448	6449	6448	6446	6445	6448	6449	6448	6446	6445	6448	6449	6448	6446	6445	6448	6449
G 10.0	6332	6333	6334	6335	6337	6338	6337	6335	6334	6333	6332	6330	6330	6332	6333	6334	6335	6337	6338	6337	6335	6334	6333	6332	6330
G 15.0	6195	6197	6200	6205	6209	6212	6209	6205	6200	6197	6195	6194	6196	6195	6197	6200	6205	6209	6212	6209	6205	6200	6197	6195	6194
G 20.0	6027	6030	6038	6051	6063	6073	6063	6051	6038	6030	6027	6030	6042	6030	6038	6051	6063	6073	6063	6051	6038	6030	6027	6030	6042
G 25.0	5846	5849	5854	5859	5865	5872	5865	5859	5854	5849	5846	5847	5854	5849	5854	5859	5865	5872	5865	5859	5854	5849	5846	5847	5854
G 30.0	5649	5647	5634	5625	5624	5630	5624	5625	5634	5647	5649	5638	5628	5630	5624	5625	5634	5647	5649	5649	5647	5634	5647	5649	5638
G 35.0	5396	5393	5379	5360	5349	5347	5349	5360	5379	5393	5396	5386	5362	5379	5393	5396	5386	5362	5349	5360	5379	5393	5396	5386	5362
G 40.0	5070	5069	5056	5044	5037	5033	5037	5044	5056	5069	5070	5060	5051	5069	5070	5069	5056	5044	5037	5033	5037	5069	5070	5060	5051
G 45.0	4625	4622	4625	4631	4632	4632	4632	4631	4625	4622	4625	4635	4644	4622	4625	4622	4625	4631	4632	4632	4631	4625	4622	4625	4635
G 50.0	3727	3730	3900	3954	3910	3832	3910	3954	3900	3730	3727	3895	3960	3730	3900	3954	3910	3832	3910	3954	3900	3730	3727	3895	3960
G 55.0	2489	2512	2806	3197	3302	3072	3302	3197	2806	2512	2489	2763	3191	2512	2806	3197	3302	3072	3302	3197	2806	2512	2489	2763	3191
G 60.0	2034	2011	1962	2333	2519	2525	2519	2333	1962	2011	2034	2032	2358	2011	1962	2333	2519	2525	2519	2333	1962	2011	2034	2032	2358
G 65.0	1754	1728	1611	1880	2063	2116	2063	1880	1611	1728	1754	1651	1852	1728	1754	1880	2063	2116	2063	1880	1611	1728	1754	1651	1852
G 70.0	1364	1376	1513	1605	1572	1437	1572	1605	1513	1376	1364	1480	1558	1513	1572	1605	1572	1437	1572	1605	1513	1376	1364	1480	1558
G 75.0	1197	1195	1170	1273	1337	1292	1337	1273	1170	1195	1197	1170	1264	1195	1197	1273	1337	1292	1337	1273	1170	1195	1197	1170	1264
G 80.0	1099	1101	1126	1103	1054	1001	1054	1103	1126	1101	1099	1126	1118	1101	1099	1126	1103	1054	1001	1054	1103	1126	1101	1099	1126
G 85.0	757	760	846	829	749	662	749	829	846	760	757	837	812	760	757	846	829	749	662	749	829	846	760	757	837
G 90.0	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125

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Source Flux	11732 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
G 5.0	6445	6446	6445	6445	6446	6448	6449	6448	6445	6445
G 10.0	6331	6334	6331	6330	6330	6332	6333	6334	6335	6337
G 15.0	6200	6204	6200	6196	6194	6195	6197	6200	6205	6209
G 20.0	6052	6055	6052	6042	6030	6027	6030	6038	6051	6063
G 25.0	5861	5868	5861	5854	5847	5846	5849	5854	5859	5865
G 30.0	5626	5626	5626	5628	5638	5649	5647	5634	5625	5624
G 35.0	5352	5351	5352	5362	5386	5396	5393	5379	5360	5349
G 40.0	5041	5028	5041	5051	5060	5070	5069	5056	5044	5037
G 45.0	4648	4645	4648	4644	4635	4625	4622	4625	4631	4632
G 50.0	3937	3884	3937	3960	3895	3727	3730	3900	3954	3910
G 55.0	3334	3118	3334	3191	2763	2489	2512	2806	3197	3302
G 60.0	2521	2532	2521	2358	2032	2034	2011	1962	2333	2519
G 65.0	1986	2015	1986	1852	1651	1754	1728	1611	1880	2063
G 70.0	1558	1501	1558	1558	1480	1364	1376	1513	1605	1572
G 75.0	1331	1303	1331	1264	1170	1197	1195	1170	1273	1337
G 80.0	1073	1008	1073	1118	1126	1099	1101	1126	1103	1054
G 85.0	732	653	732	812	837	757	760	846	829	749
G 90.0	125	125	125	125	125	125	125	125	125	125