

## Horizontal luminous intensity distribution (EN14744 §4.2.1)

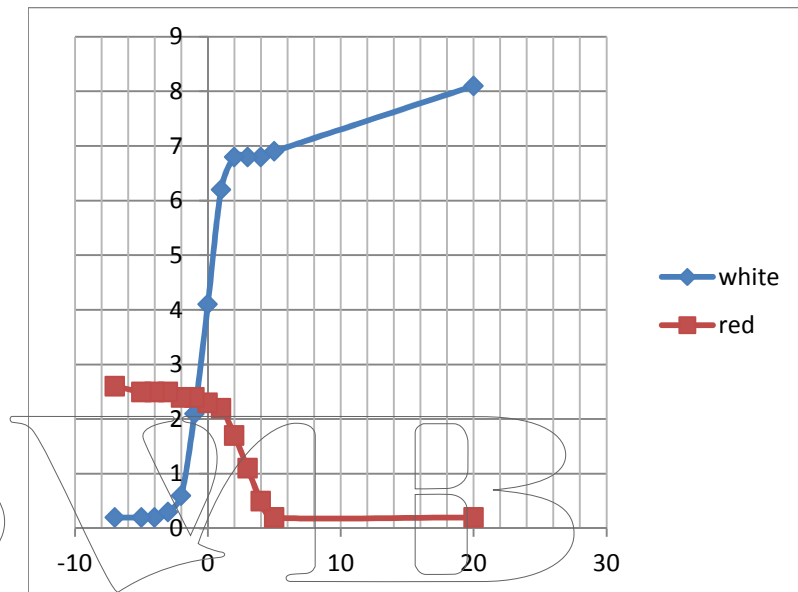
According to the COLREG "almost zero" means a value of not greater than 10% of the photometric luminous intensity  $I_0$  measured in the zero signal direction (3.5) (dead ahead direction).

In the case of two-colour or three-colour navigation lights, the luminous intensity distribution shall be uniform so that in the range of  $3^\circ$  on each side of the zero signal, the maximum permissible luminous intensity shall not be exceeded and the minimum required luminous intensity shall not be fallen short of.

In these tests, the luminous intensity is not calibrated (distance between lamp and cell is not calibrated)

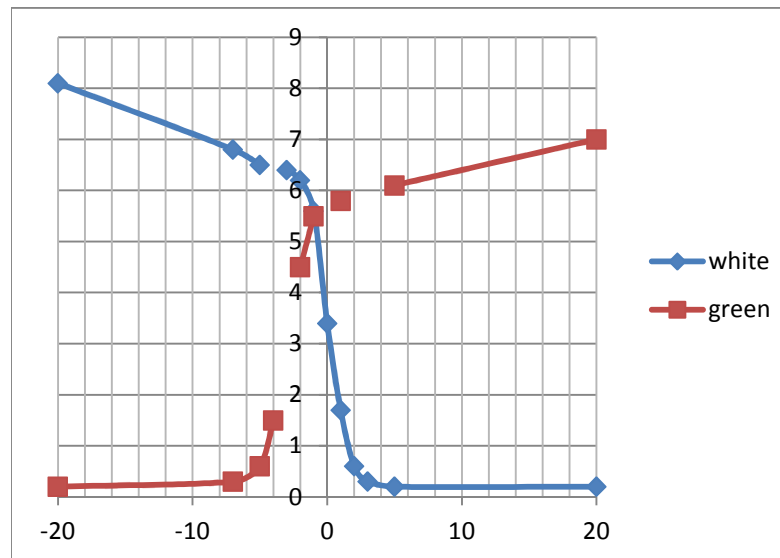
### Between white and red sectors

angle	Luminous intensity	
	white	red
20	8,1	0,2
5	6,9	0,2
4	6,8	0,5
3		1,1
2	6,8	1,7
1	6,2	2,2
0	4,1	2,3
-1	2,1	2,4
-2	0,6	
-3	0,3	2,5
-4	0,2	
-5	0,2	2,5
-7	0,2	2,6



### Between white and green sectors

angle	Luminous intensity	
	white	green
-20	8,1	0,2
-7	6,8	0,3
-5	6,5	0,6
-4		1,5
-3	6,4	
-2	6,2	4,5
-1	5,6	5,5
0	3,4	
1	1,7	5,8
2	0,6	
3	0,3	
5	0,2	6,1
20	0,2	7



### Between red and green sectors

angle	Luminous intensity	
	red	green
-11		6,1
-10	0,2	
-8		5,6
-7	0,2	
-6		5,5
-5	0,2	
-3	0,3	5,1
-2	0,7	
-1	1,3	4,8
0	2	4,7
1	2	3,8
2	2	2,3
3		0,8
4	2,1	0,5
8		0,4

