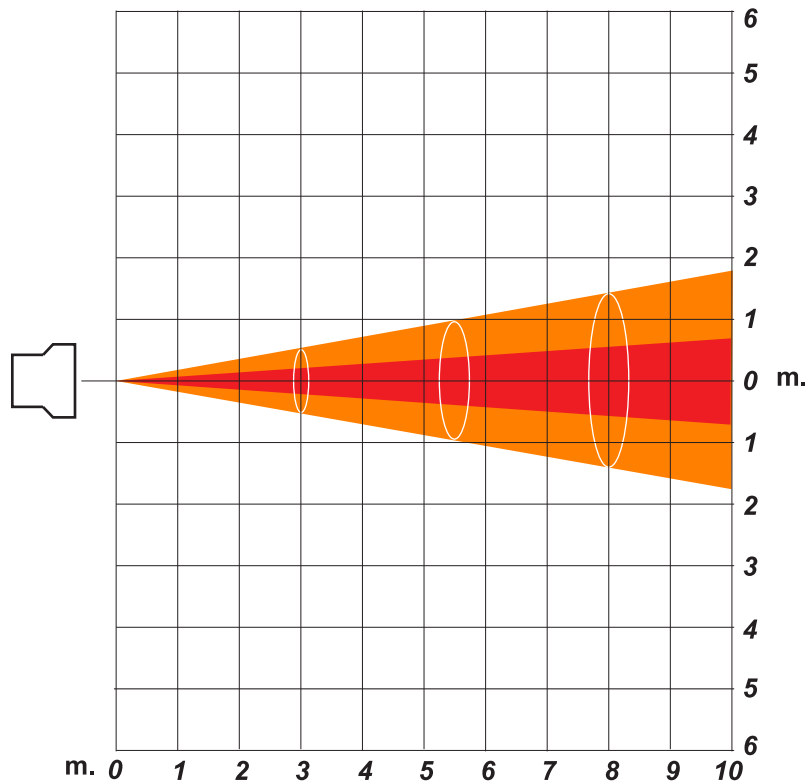


12° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	3150	788	350	197	126	88	64	49	39	32	68
Green	5850	1463	650	366	234	163	119	91	72	59	126
Luminous emittance (Lux)	Blue	1845	461	205	115	74	51	38	29	23	40
Superwhite	10350	2588	1150	647	414	288	211	162	128	104	223
1/2 peak angle θ (m.)	0,15	0,29	0,44	0,58	0,73	0,88	1,02	1,17	1,31	1,46	
1/10 peak angle θ (m.)	0,36	0,72	1,08	1,44	1,80	2,16	2,53	2,89	3,25	3,61	

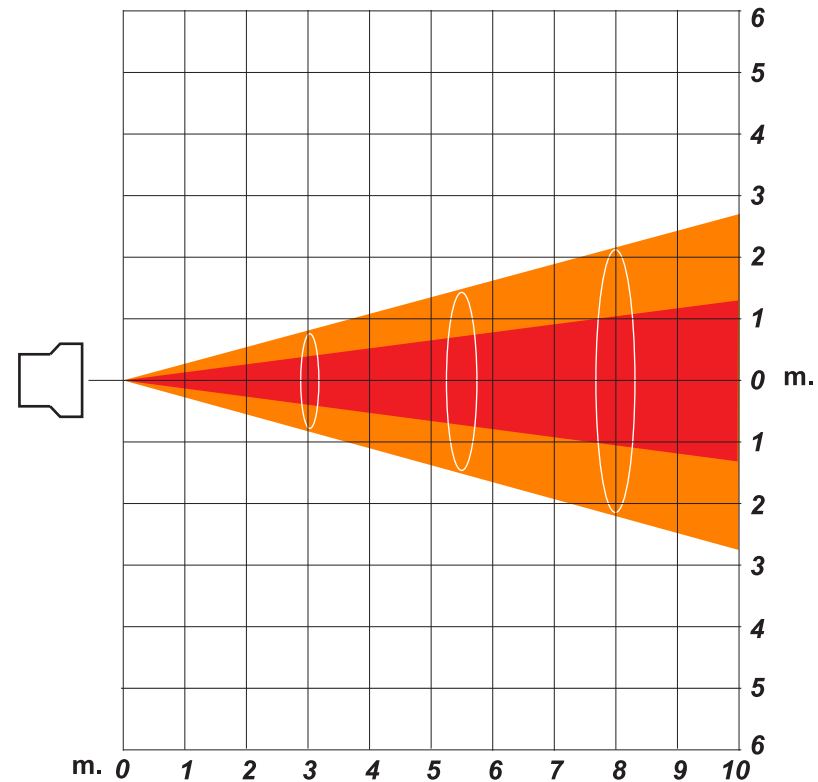


1/2 peak angle: 8°

1/10 peak angle: 20°

30° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	1148	287	128	72	46	32	23	18	14	11	50
Green	2349	587	261	147	94	65	48	37	29	23	103
Luminous emittance (Lux)	Blue	680	170	76	42	27	19	14	11	8	30
Superwhite	4073	1018	453	255	163	113	83	64	50	41	179
1/2 peak angle θ (m.)	0,27	0,55	0,82	1,10	1,37	1,65	1,92	2,20	2,47	2,75	
1/10 peak angle θ (m.)	0,55	1,09	1,64	2,18	2,73	3,27	3,82	4,36	4,91	5,45	



1/2 peak angle: 15°

1/10 peak angle: 30°



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Prodotto/Product:
PCB12 LED RGB

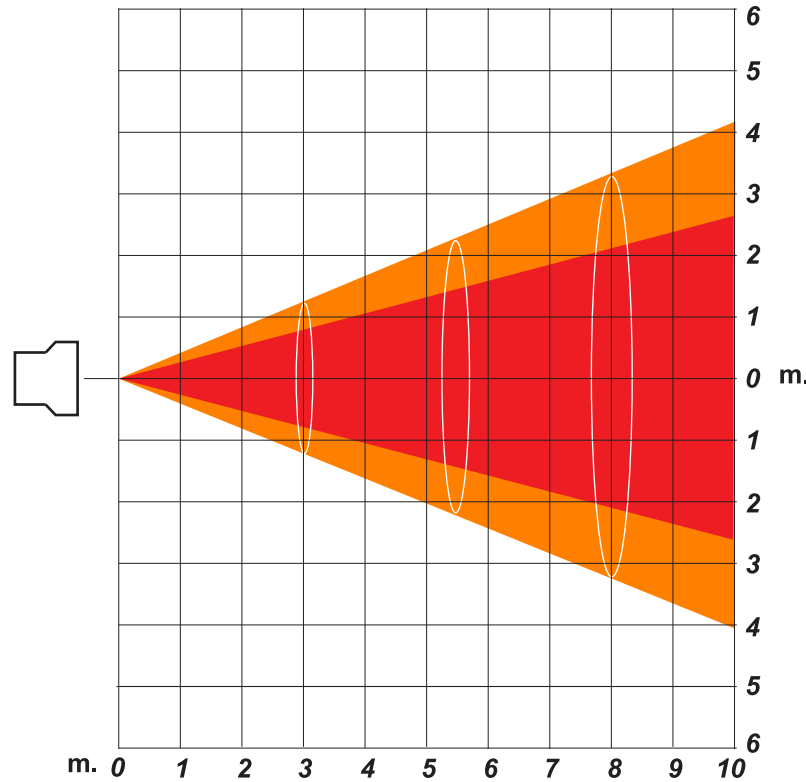
Lampada/Lamp

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50° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	245	61	27	15	10	7	5	4	3	2	54
Green	495	124	55	31	20	14	10	8	6	5	109
Blue	146	37	16	9	6	4	3	2	2	1	32
Superwhite	10350	2588	1150	647	414	288	211	162	128	104	193
1/2 peak angle θ (m.)	0,55	1,10	1,65	2,20	2,75	3,30	3,85	4,40	4,95	5,5	
1/10 peak angle θ (m.)	0,82	1,65	2,47	3,29	4,11	4,94	5,76	6,58	7,40	8,23	



1/2 peak angle: 30°

1/10 peak angle: 45°



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Prodotto/Product:
PCB12 LED RGB

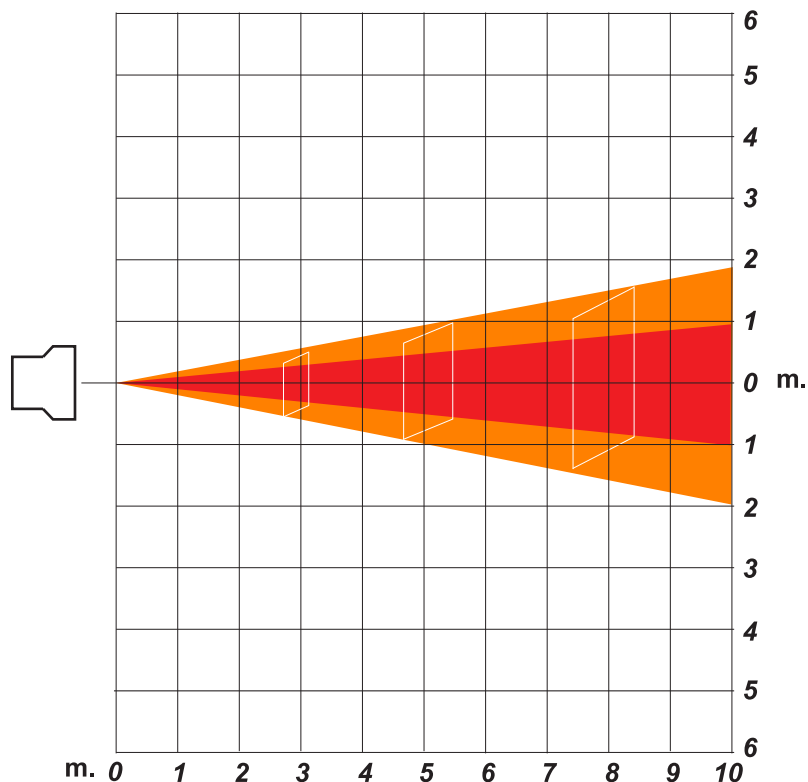
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Elliptic lenses- Vertical beam

Distance (m.)	1	2	3	4	5	6	7	8	9	10	Lumen
Red	788	197	88	49	32	22	16	12	10	8	95
Green	1440	360	160	90	58	40	29	23	18	14	174
Blue	389	97	43	24	16	11	8	6	5	4	47
Superwhite	2408	602	268	150	96	67	49	38	30	24	291
1/2 peak angle θ (m.)	0,20	0,40	0,59	0,79	0,99	1,19	1,39	1,58	1,78	1,98	
1/10 peak angle θ (m.)	0,40	0,80	1,21	1,61	2,01	2,41	2,82	3,22	3,62	4,02	

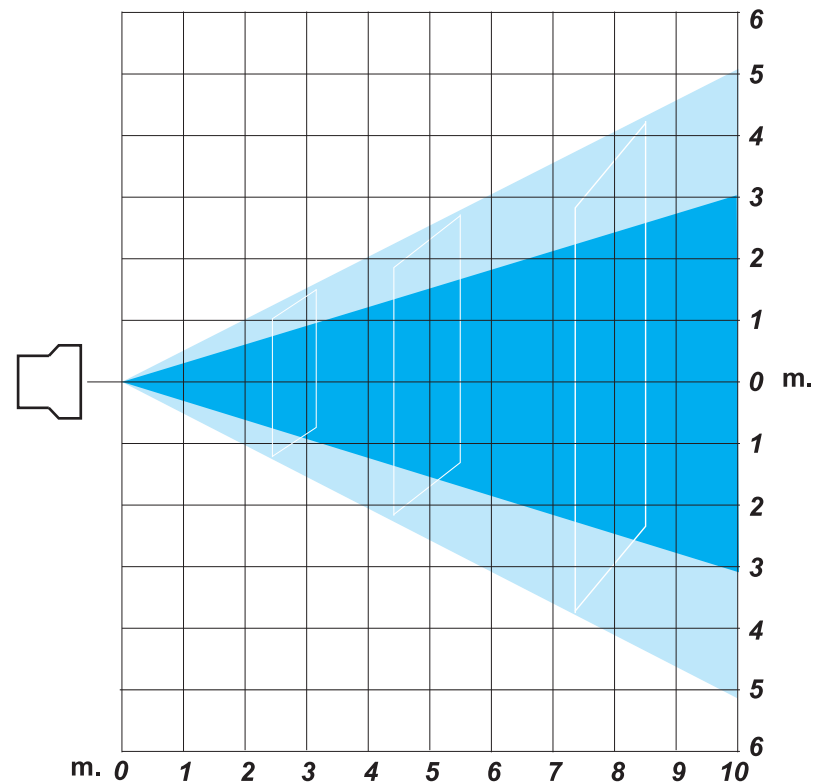


1/2 peak angle: 11°

1/10 peak angle: 22°

Elliptic lenses- Horizontal beam

Distance (m.)	1	2	3	4	5	6	7	8	9	10
θ 1/2 peak angle m.	0,63	1,26	1,88	2,51	3,14	3,77	4,40	5,02	5,65	6,28
θ 1/10 peak angle m.	0,81	1,61	2,42	3,23	4,04	4,84	5,65	6,46	7,26	8,7



1/2 peak angle: 34°

1/10 peak angle: 54°



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Prodotto/Product:
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