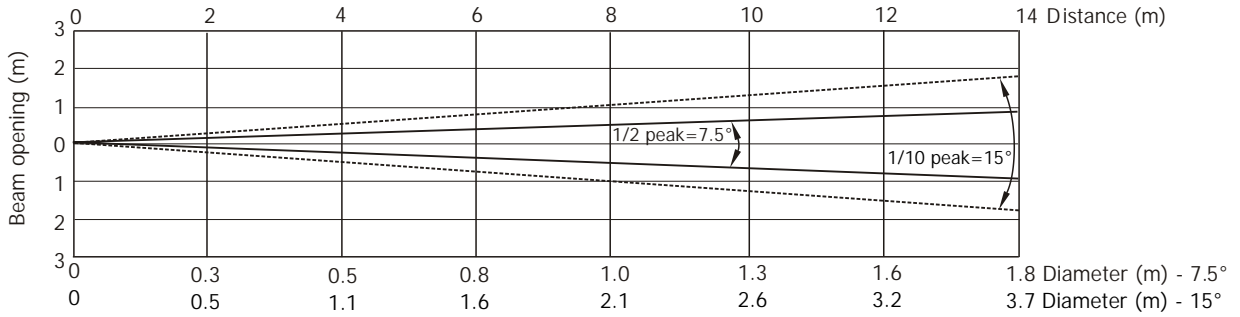


Robin CycBar 12

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

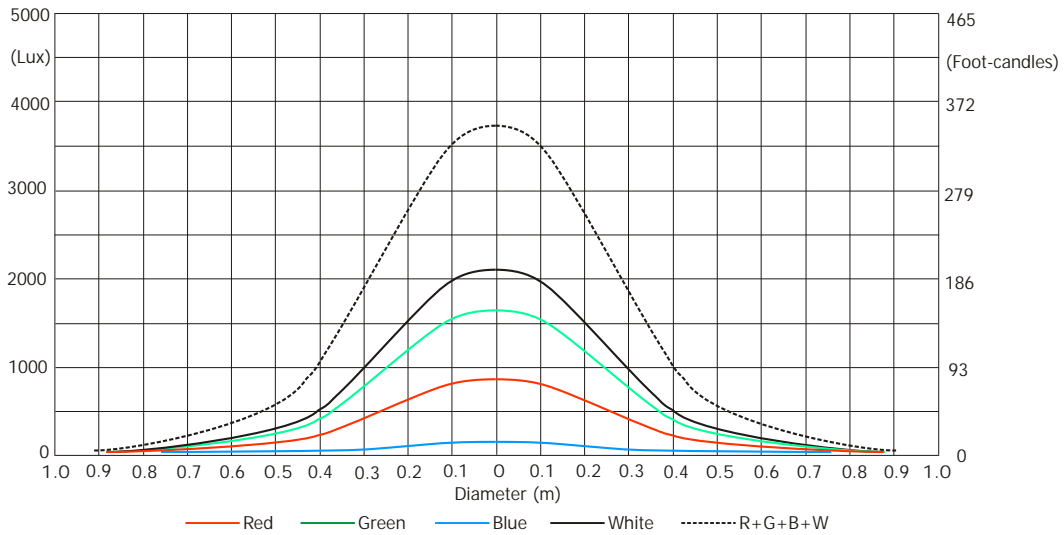
Without diffuser
Total Output: 2860 lumens



Distance (m)	2	4	5	6	8	10	12	14	
Red	5375/500	1343/125	860/80	597/56	336/32	215/20	150/14	110/10	Intensity (center) Lux/Footcandles
Green	10000/929	2500/232	1600/149	1111/103	625/58	400/37	277/26	205/19	
Blue	1338/124	334/31	215/20	149/14	84/8	54/5	37/3.5	27/2.5	
White	13438/1248	3359/312	2150/200	1493/139	840/78	538/50	373/35	274/26	
R+G+B+W	22938/2131	5734/533	3670/341	2550/237	1433/133	918/85	637/59	468/44	

Illuminance distribution

Distance=5m

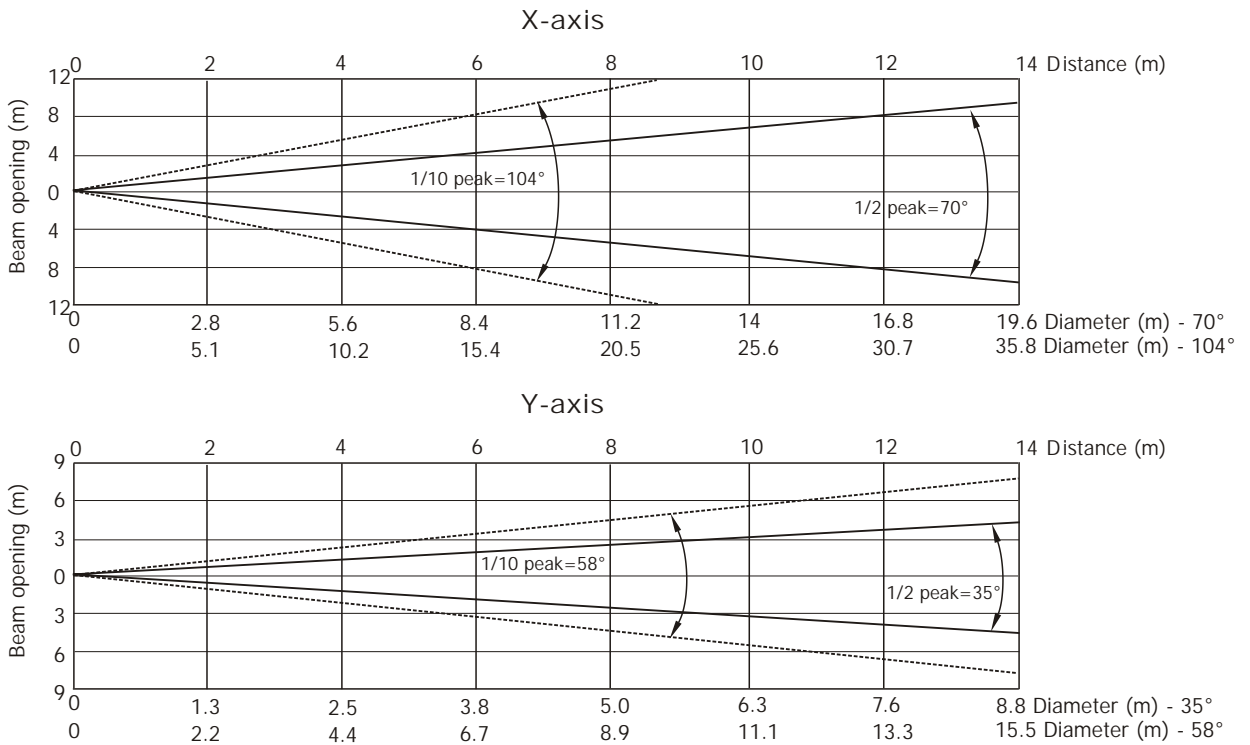


Robin CycBar 12

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

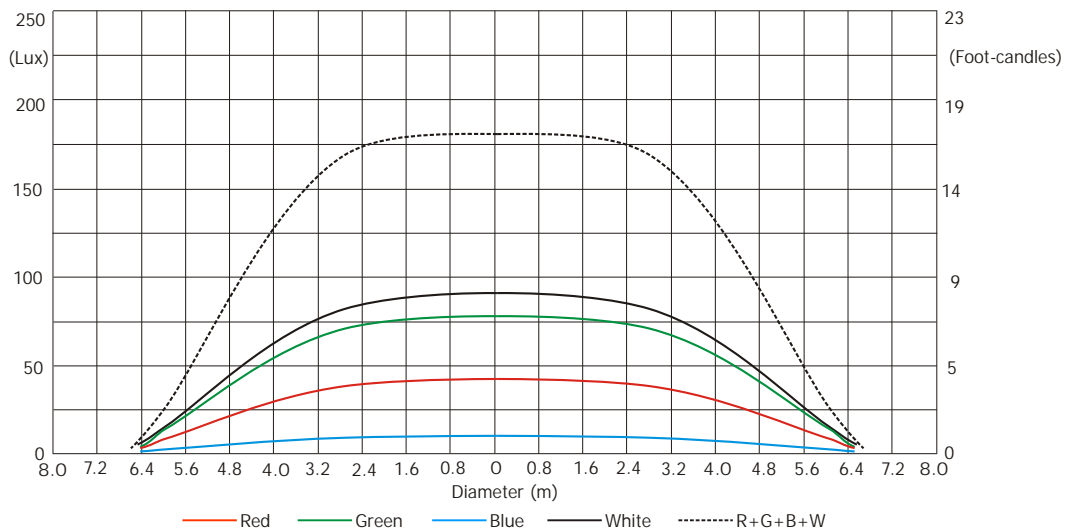
Diffuser 35°x70° WallWasher



Distance (m)	2	4	5	6	8	10	12	14	
Red	250/23	63/6	40/4	28/2.6	16/1.5	10/0.9	7/0.6	5/0.5	Intensity (center) Lux/Footcandles
Green	500/47	125/12	80/7.4	56/5	31/3	20/1.9	14/1.3	10/0.9	
Blue	63/6	16/1.5	10/0.9	7/0.6	4/0.4	3/0.2	1.7/0.2	1.3/0.1	
White	588/55	147/14	94/9	65/6	37/3	24/2.2	16/1.5	12/1.1	
R+G+B+W	1163/108	290/27	186/17	130/12	73/7	47/4	32/3	24/2.2	

Illuminance distribution in X-axis

Distance=5m



Robin CycBar 12

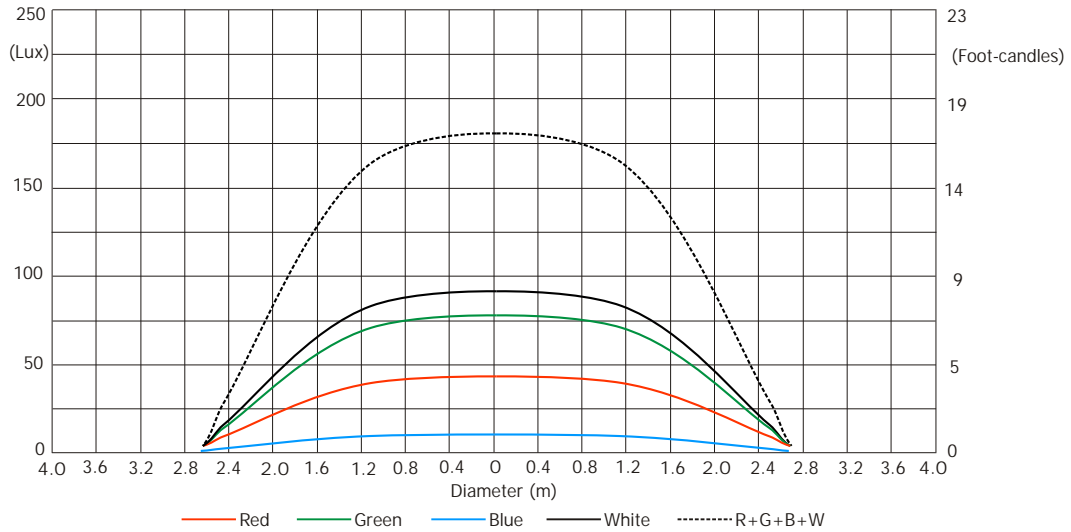
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 35°x70° WallWasher

Illuminance distribution in Y-axis

Distance=5m

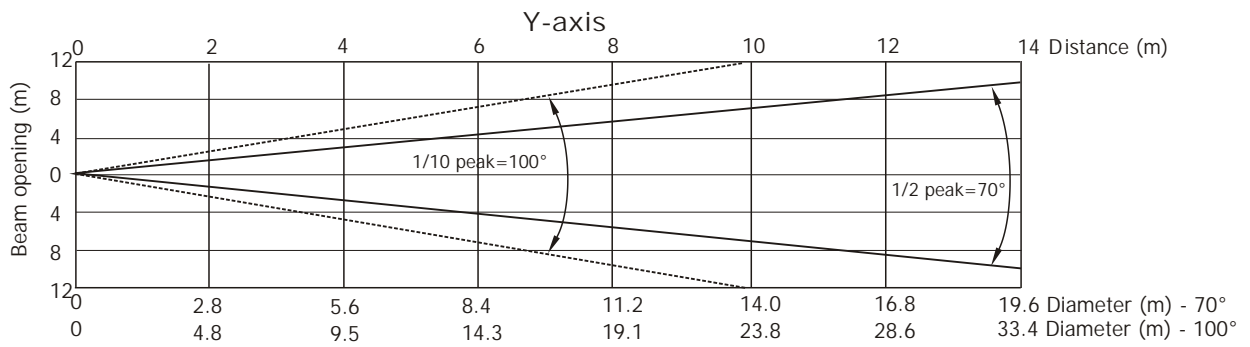
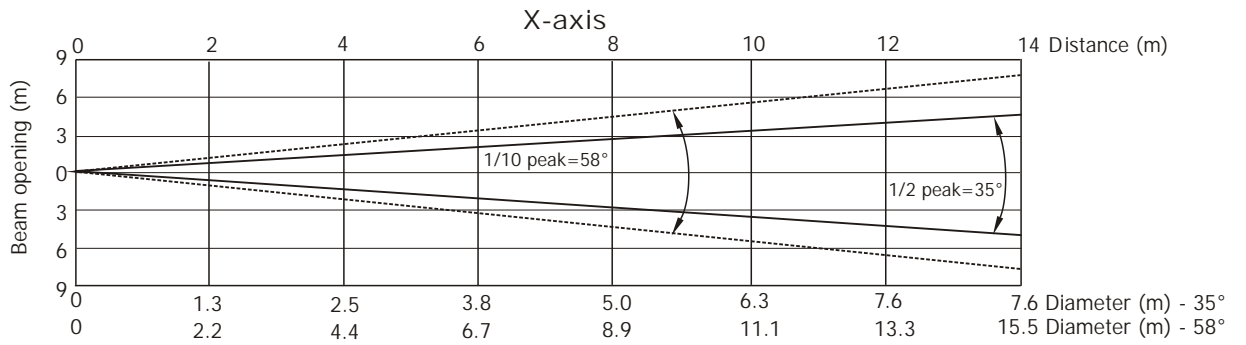


Robin CycBar 12

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

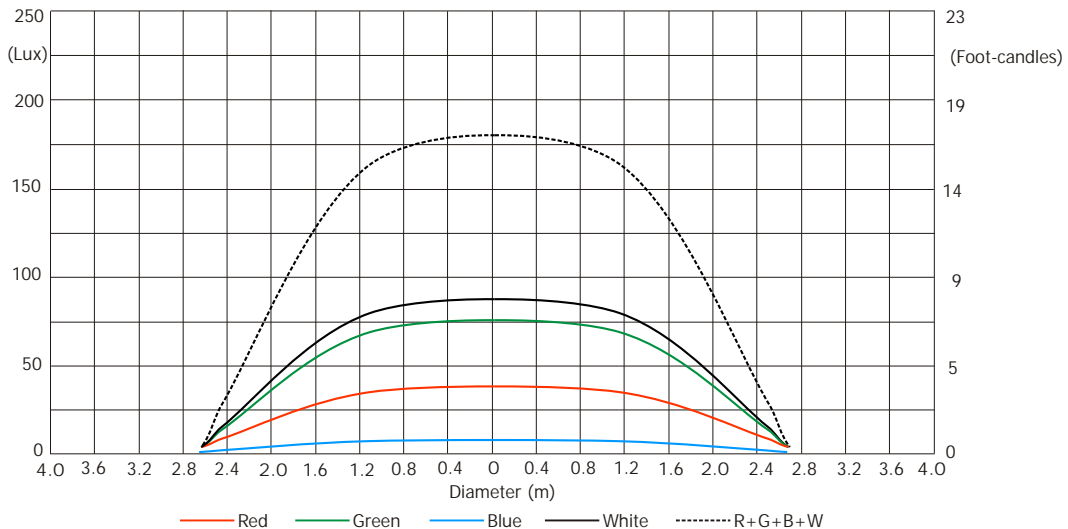
Diffuser 70°x35° CycLight



Distance (m)	2	4	5	6	8	10	12	14	
Red	238/22	59/6	38/3.5	26/2.5	15/1.4	10/0.9	7/0.6	5/0.5	Intensity (center) Lux/Footcandles
Green	475/44	119/11	76/7	53/5	30/3	19/1.8	13/1.2	10/0.9	
Blue	56/5	14/1.3	9/0.8	6/0.6	4/0.3	2/0.2	1.6/0.1	1.1/0.1	
White	563/52	140/13	90/8.4	63/6	35/3	23/2.1	16/1.5	12/1.1	
R+G+B+W	1138/106	284/26	182/17	126/12	71/6.6	46/4	32/3	24/2.2	

Illuminance distribution in X-axis

Distance=5m



Robin CycBar 12

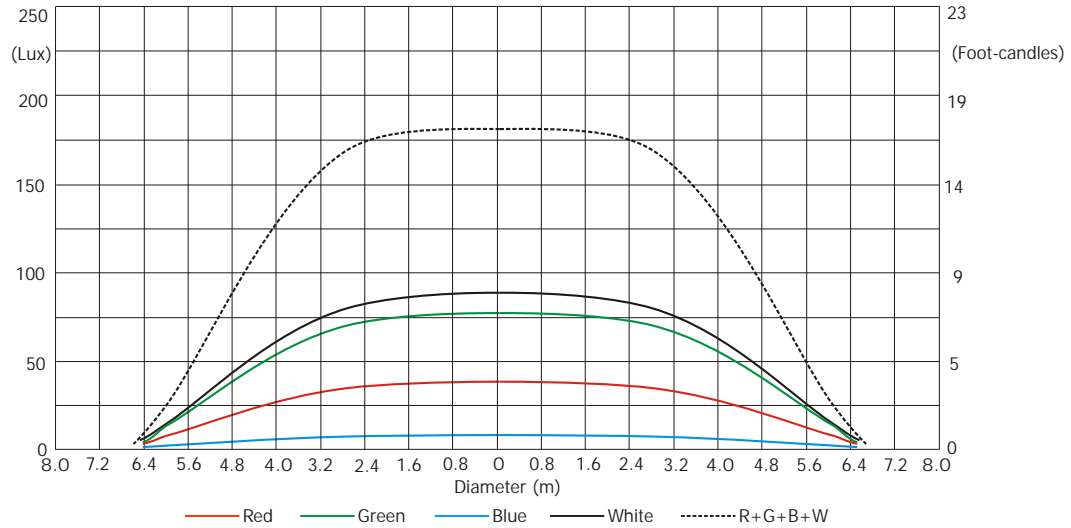
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 70°x35° CycLight

Illuminance distribution in Y-axis

Distance=5m

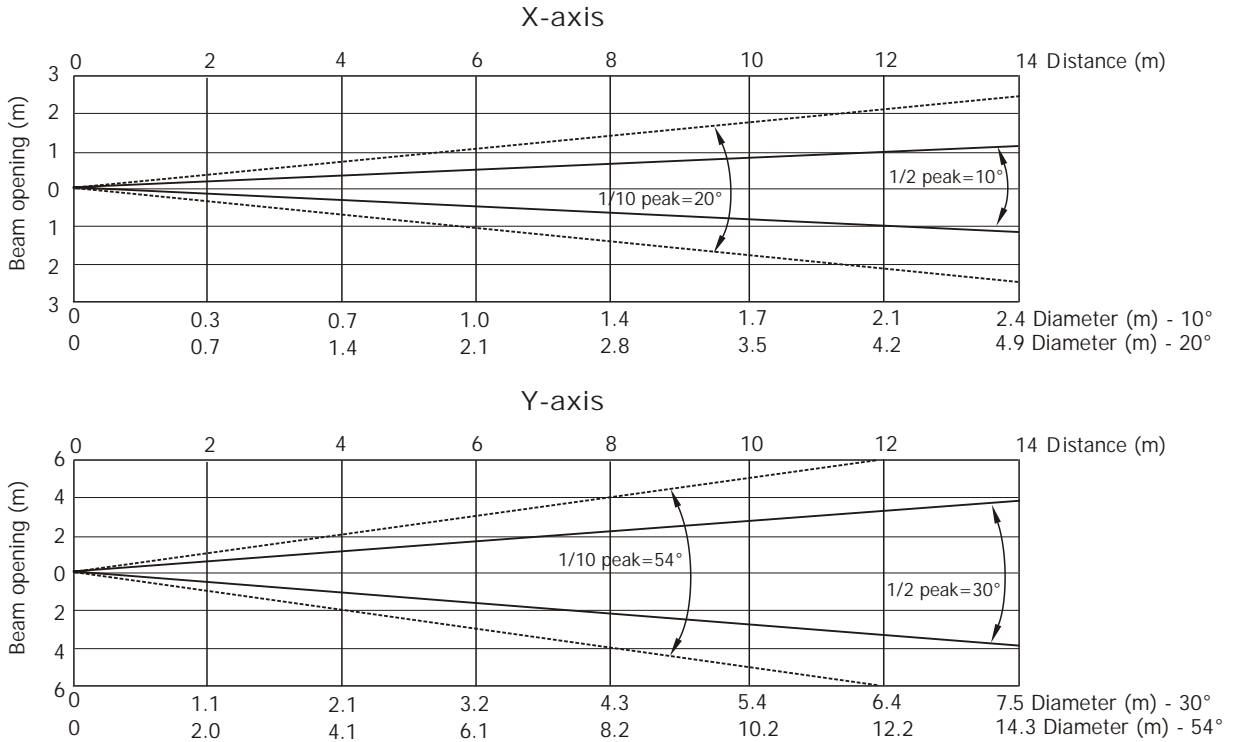


Robin CycBar 12

Photometric Diagram

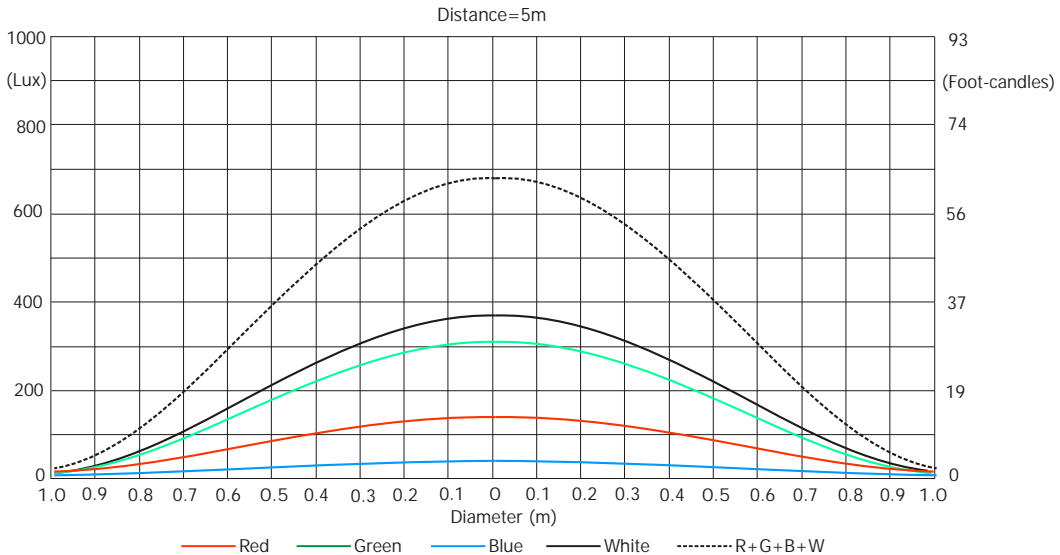
Beam angles measured at distance of 10 m from fixture

Diffuser 30°x10° CycLight



Distance (m)	2	4	5	6	8	10	12	14	
Red	875/81	219/20	140/13	98/9	55/5	35/3.3	24/2.3	18/1.7	Intensity (center) Lux/Footcandles
Green	1938/180	484/45	310/29	215/20	120/11	78/7	54/5	40/3.7	
Blue	250/23	63/6	40/3.7	28/2.6	16/1.5	10/0.9	7/0.6	5/0.5	
White	2313/215	578/54	270/25	257/24	44/13.4	93/9	64/6	47/4.4	
R+G+B+W	4188/389	1045/97	670/62	465/43	262/24	168/16	116/11	86/8	

Illuminance distribution in X-axis



Robin CycBar 12

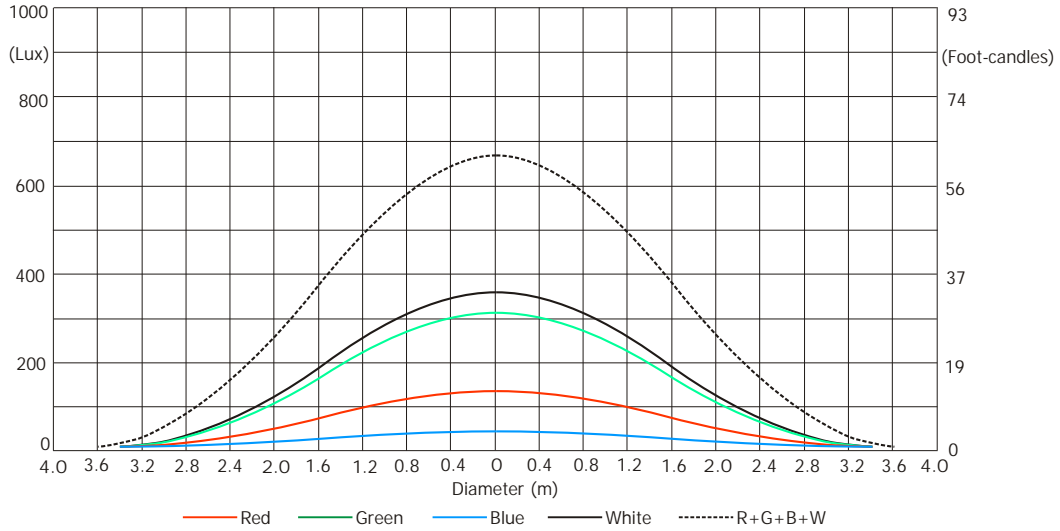
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 30°x10° CycLight

Illuminance distribution in Y-axis

Distance=5m

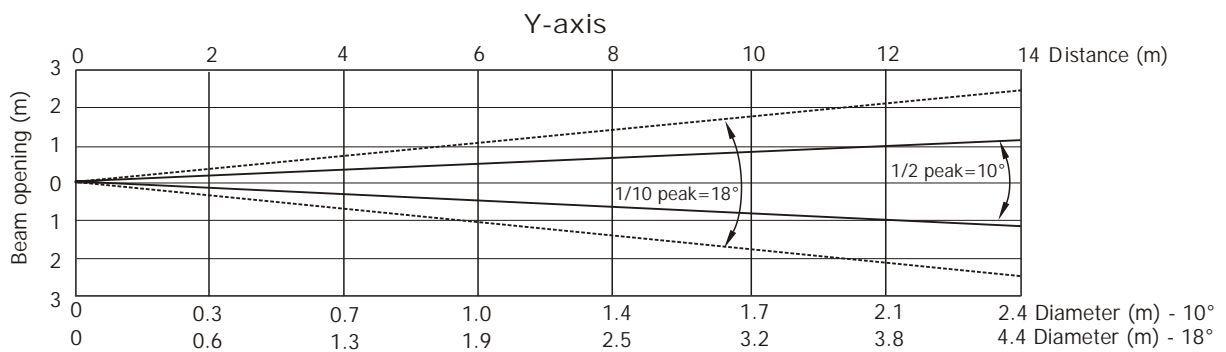
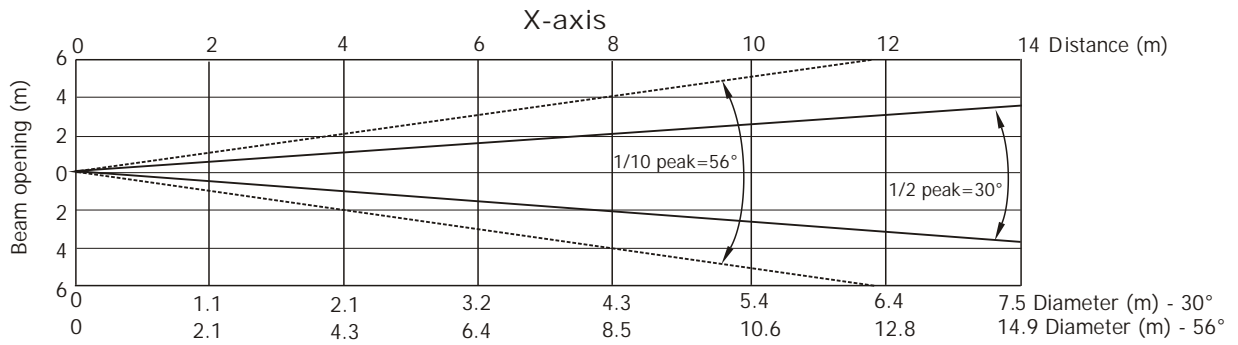


Robin CycBar 12

Photometric Diagram

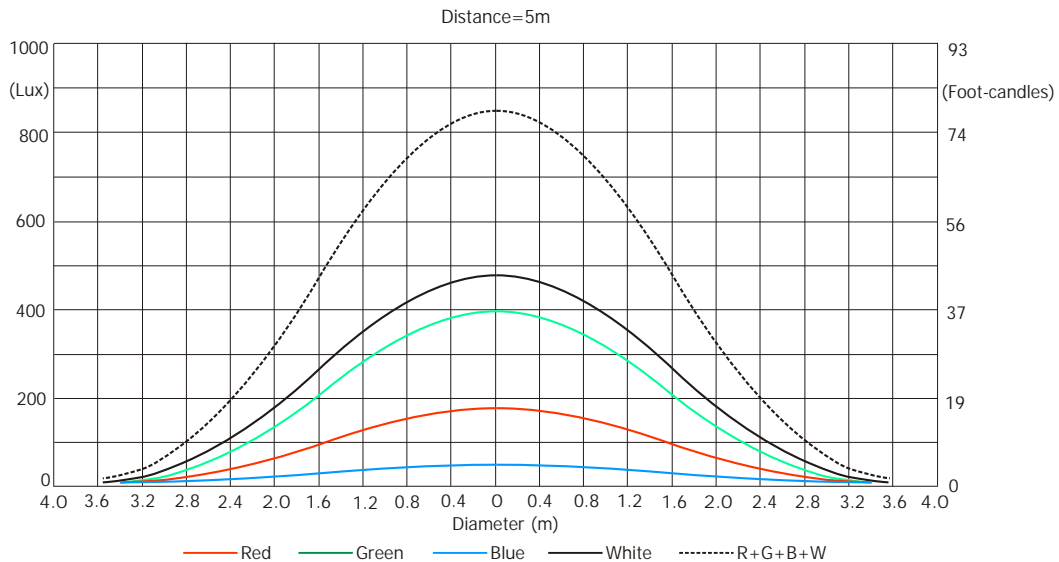
Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher



Distance (m)	2	4	5	6	8	10	12	14	
Red	1094/102	273/25	175/16	122/11	68/6	44/4	30/2.8	22/2	Intensity (center) Lux/Footcandles
Green	2469/230	617/57	395/37	274/26	154/14	99/9	69/6	50/4.7	
Blue	313/29	78/7	50/4.6	35/3.2	20/1.8	12/1.2	9/0.8	6/0.6	
White	3000/279	750/70	480/45	333/31	188/17.4	120/11	83/8	61/6	
R+G+B+W	5313/494	1328/123	850/79	590/55	332/31	212/20	148/14	108/10	

Illuminance distribution in X-axis



Robin CycBar 12

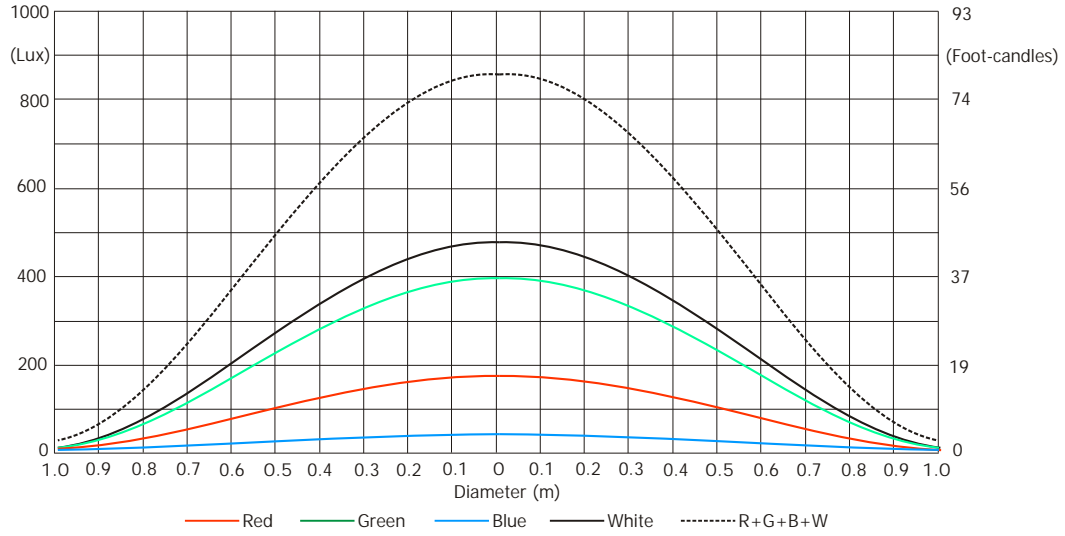
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher

Illuminance distribution in Y-axis

Distance=5m

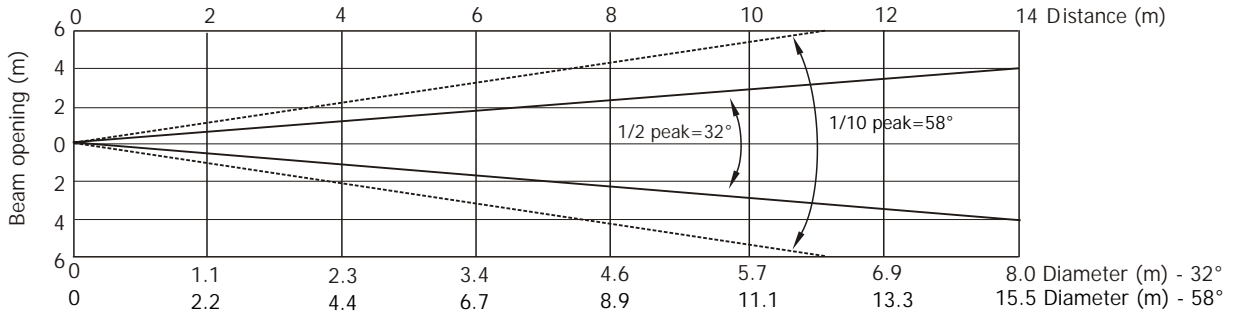


Robin CycBar 12

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

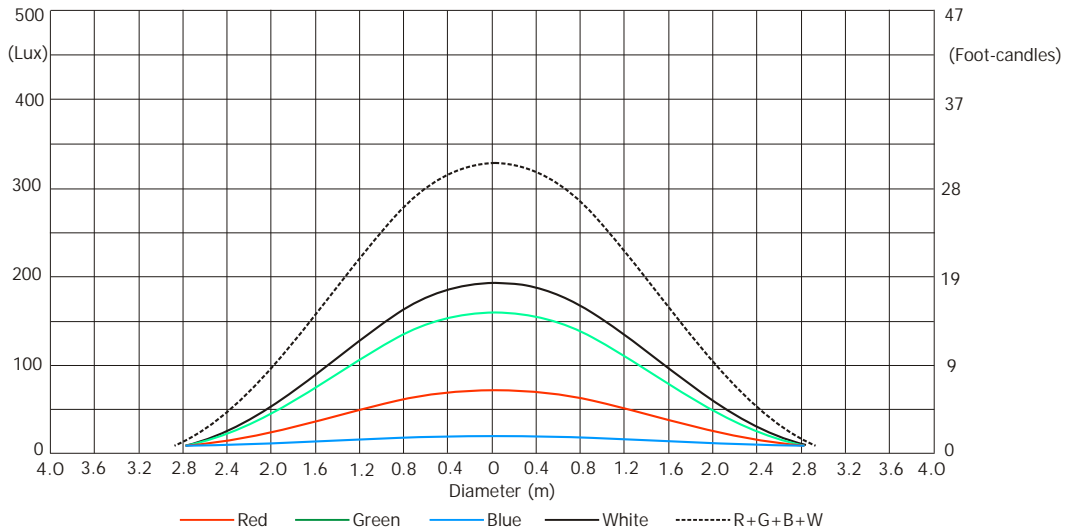
Diffuser 32°



Distance (m)	2	4	5	6	8	10	12	14	
Red	438/41	109/10	70/7	49/5	27/3	18/1.6	12/1.1	9/0.8	Intensity (center) Lux/Footcandles
Green	988/92	247/23	158/15	110/10	62/6	39/4	27/2.5	20/1.9	
Blue	125/12	31/2.9	20/1.9	14/1.3	8/0.7	5/0.5	4/0.3	3/0.2	
White	1188/110	297/28	190/18	132/12	74/7	48/4	33/3	24/2.3	
R+G+B+W	2094/195	523/49	335/31	233/22	131/12	84/8	58/5	43/4	

Illuminance distribution

Distance=5m

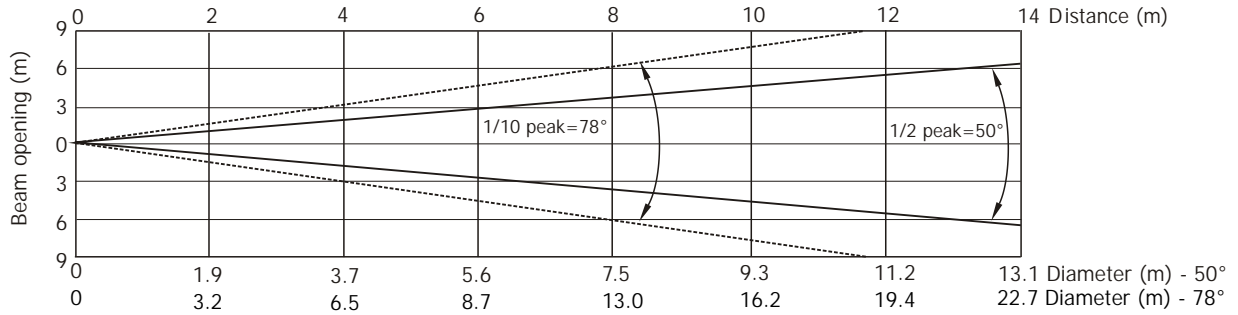


Robin CycBar 12

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 50°



Distance (m)	2	4	5	6	8	10	12	14	
Red	288/27	72/7	46/4	32/3	18/1.7	12/1.1	8/0.7	6/0.5	Intensity (center) Lux/Footcandles
Green	663/62	166/15	106/10	74/7	41/4	27/2.5	18/1.7	14/1.3	
Blue	81/8	20/1.9	13/1.2	9/0.8	5/0.5	3/0.3	2/0.2	1.7/0.2	
White	794/74	198/18	127/12	88/8	50/5	32/3	22/2	16/1.5	
R+G+B+W	1400/130	350/33	224/21	156/15	88/8	56/5	39/4	29/2.7	

Illuminance distribution

Distance=5m

