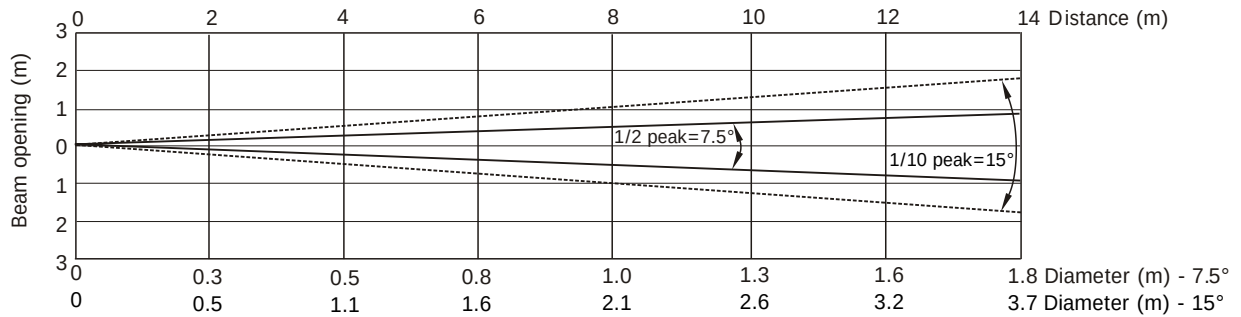


Robin CycBar 15

Photometric Diagram

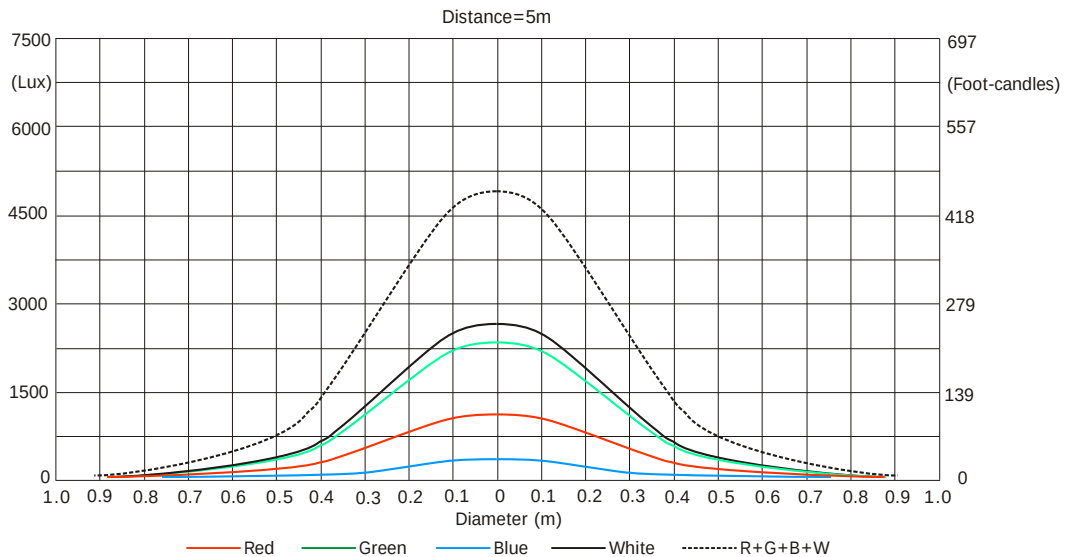
Beam angles measured at distance of 10 m from fixture

Without diffuser
Total Output: 3580 lumens



Distance (m)	2	4	5	6	8	10	12	14	
Red	6563/6010	1640/152	1050/98	730/68	410/38	262/24	182/17	134/12	Intensity (center) Lux/Footcandles
Green	14312/1330	3578/332	2290/213	1590/148	894/83	572/53	398/37	292/213	
Blue	2000/186	500/47	320/30	222/21	125/12	80/7	56/5	41/4	
White	16719/1553	4180/388	2675/249	1858/173	1045/97	669/62	464/43	341/32	
R+G+B+W	30437/2828	7609/707	4870/452	3381/314	1902/177	1217/113	845/79	620/58	

Illuminance distribution

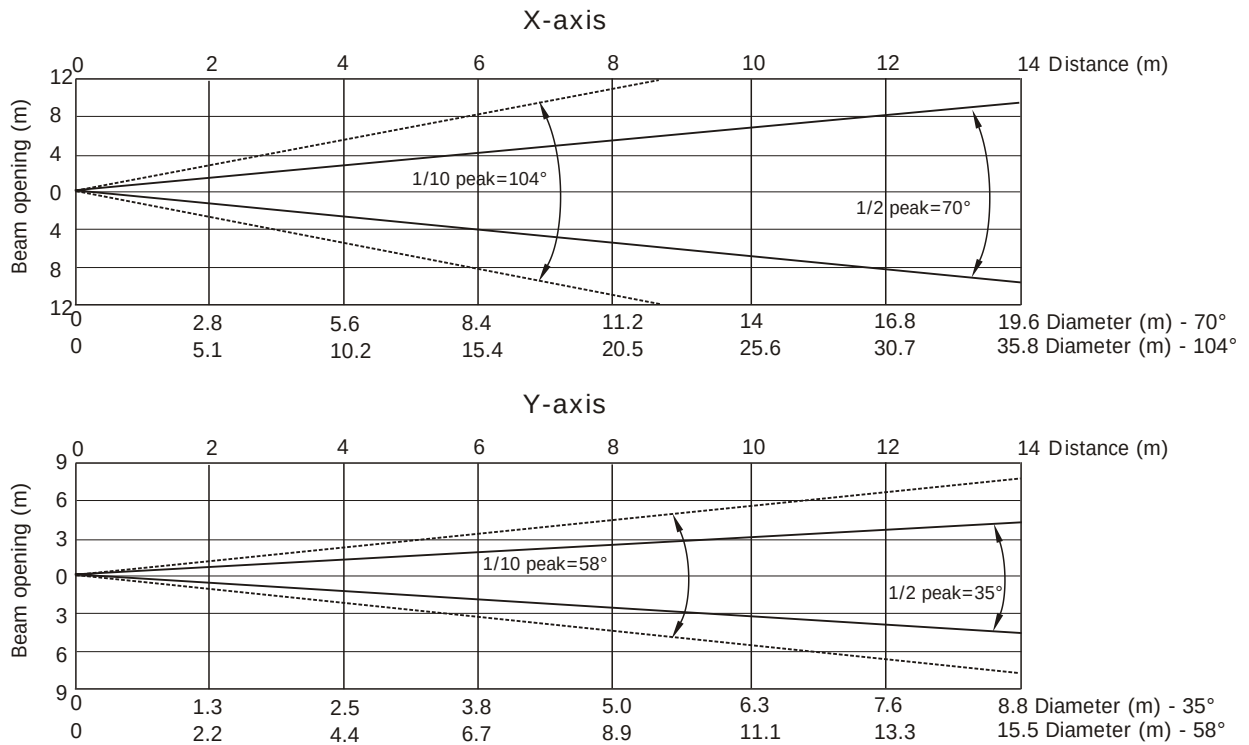


Robin CycBar 15

Photometric Diagram

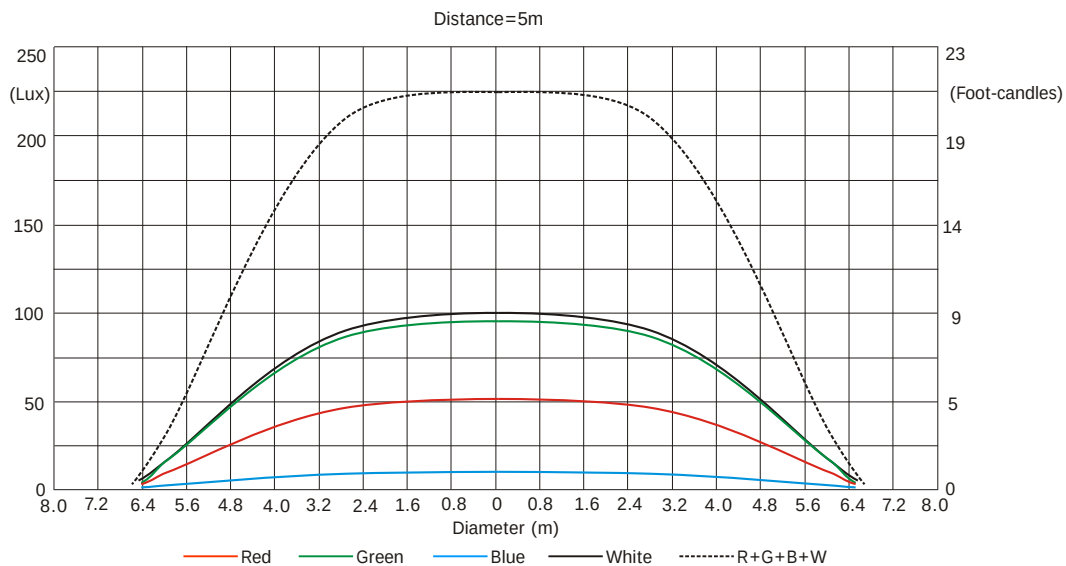
Beam angles measured at distance of 10 m from fixture

Diffuser 35°x70° WallWasher



Distance (m)	2	4	5	6	8	10	12	14	Intensity (center) Lux/Footcandles
Red	325/30	81/8	52/5	36/3.4	20/1.9	13/1.2	9/0.8	6.6/0.6	
Green	563/52	140/13	90/8	63/6	35/3	23/2	16/1.5	12/1.1	
Blue	94/9	23/2.2	15/1.4	10/1	6/0.5	4/0.3	3/0.2	2/0.2	
White	625/58	156/15	100/9	70/7	40/4	25/2.3	17/1.6	13/1.2	
R+G+B+W	1406/131	352/33	225/21	156/15	88/8	56/5	39/3.6	29/2.7	

Illuminance distribution in X-axis



Robin CycBar 15

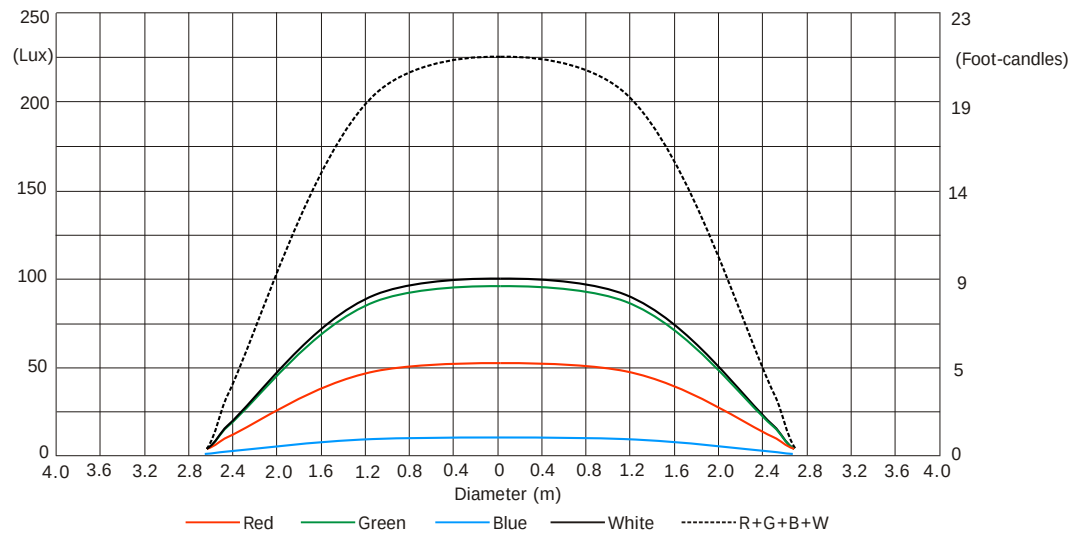
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 35°x70° WallWasher

Illuminance distribution in Y-axis

Distance=5m

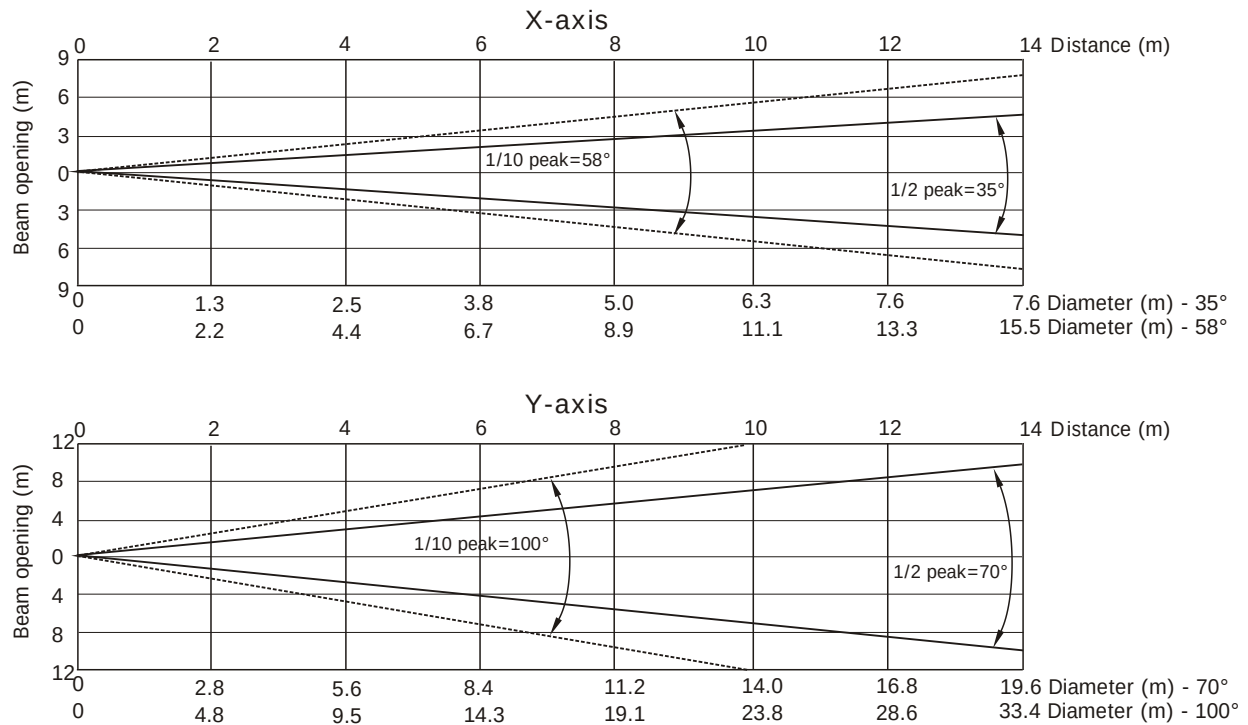


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

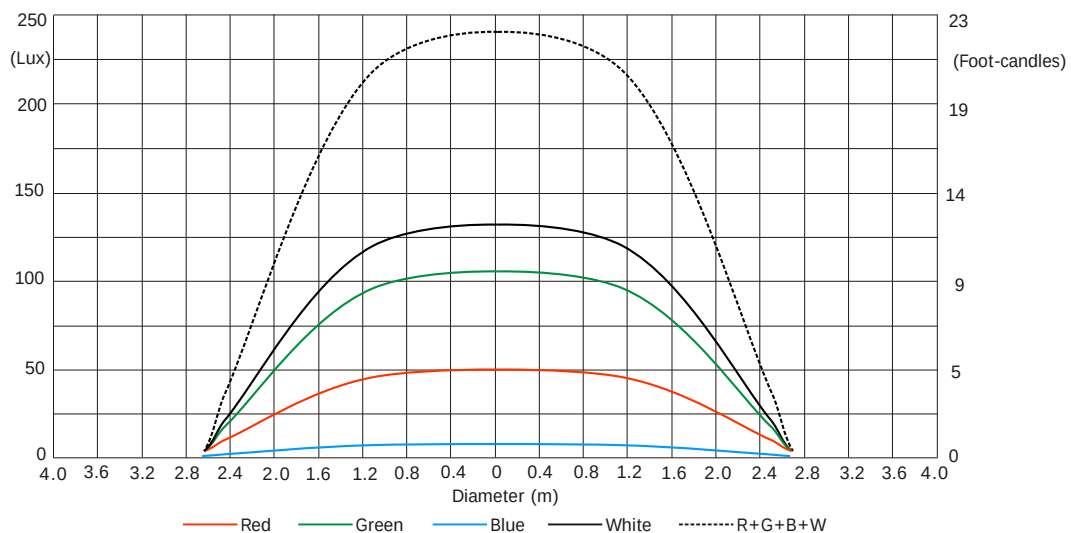
Diffuser 70°x35° CycLight



Distance (m)	2	4	5	6	8	10	12	14	
Red	316/29	78/7	50/4.6	35/3.2	20/1.8	13/1.2	9/0.8	6/0.6	Intensity (center) Lux/Footcandles
Green	694/65	173/16	111/10	77/7	43/4	28/2.6	19/1.8	14/1.3	
Blue	88/8	22/2	14/1.3	10/0.9	6/0.5	4/0.3	2.4/0.2	1.8/0.2	
White	844/78	210/20	135/13	94/9	53/9	34/3	23/2.2	17/1.6	
R+G+B+W	1500/139	375/35	240/22	167/16	94/9	60/5.6	42/4	30/2.8	

Illuminance distribution in X-axis

Distance=5m



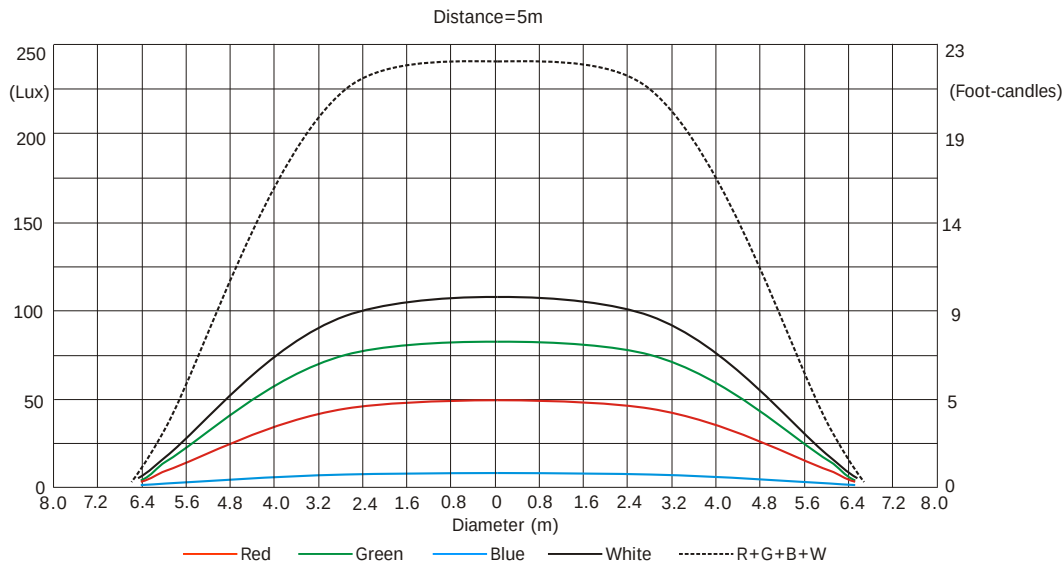
Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 70°x35° CycLight

Illuminance distribution in Y-axis

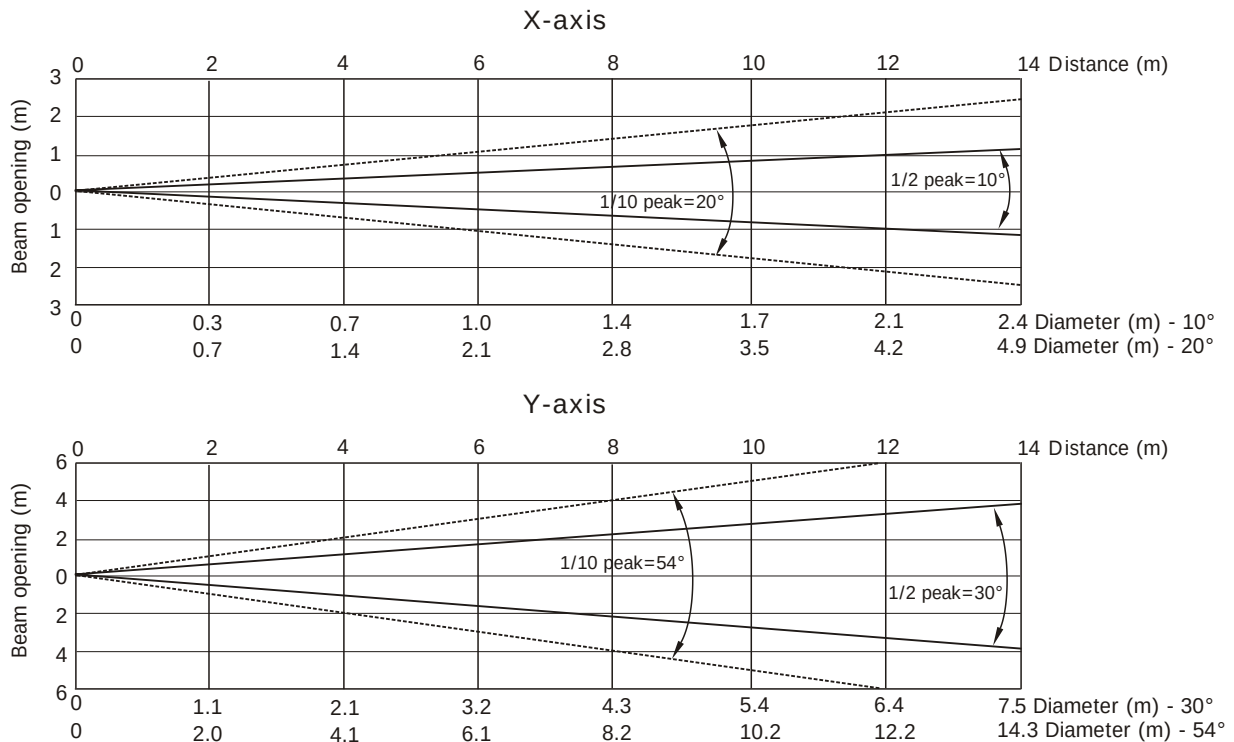


Robin CycBar 15

Photometric Diagram

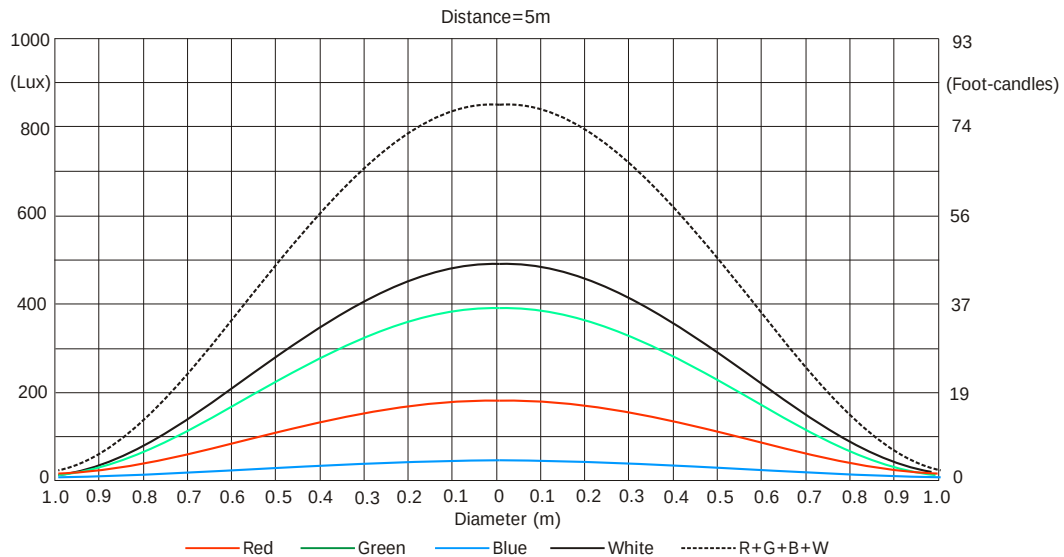
Beam angles measured at distance of 10 m from fixture

Diffuser 30°x10° CycLight



Distance (m)	2	4	5	6	8	10	12	14	
Red	1156/107	290/27	185/17	129/12	72/7	46/4	32/3	24/2.2	Intensity (center) Lux/Footcandles
Green	2469/229	617/26	395/37	274/26	154/14	69/6	68/6	50/4.7	
Blue	52/5	81/8	52/4.8	36/3.4	20/1.9	13/1.2	9/0.8	7/0.6	
White	3063/285	766/71	490/46	340/32	192/18	123/11	85/8	62/6	
R+G+B+W	860/80	1345/125	860/80	597/56	336/31	215/20	150/14	110/10	

Illuminance distribution in X-axis



Robin CycBar 15

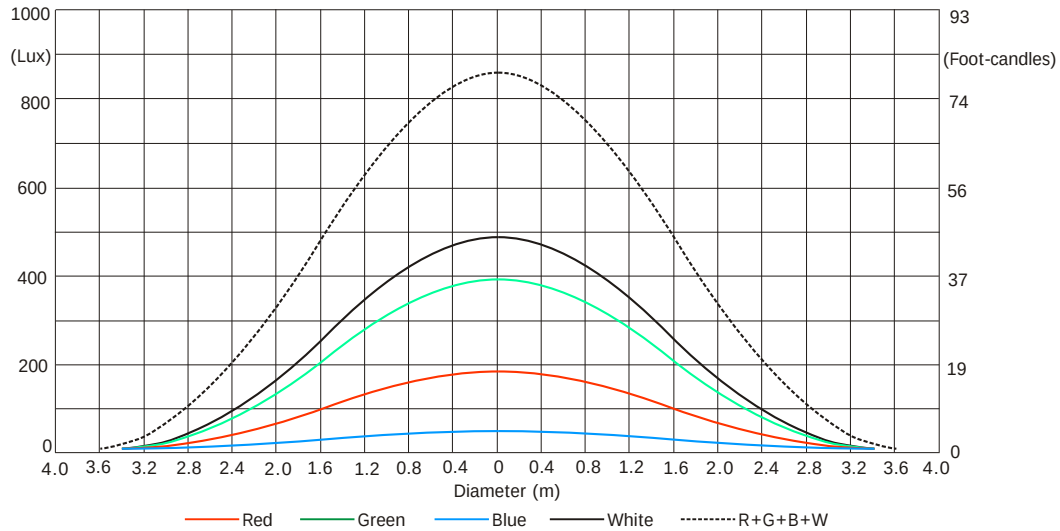
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 30°x10° CycLight

Illuminance distribution in Y-axis

Distance=5m

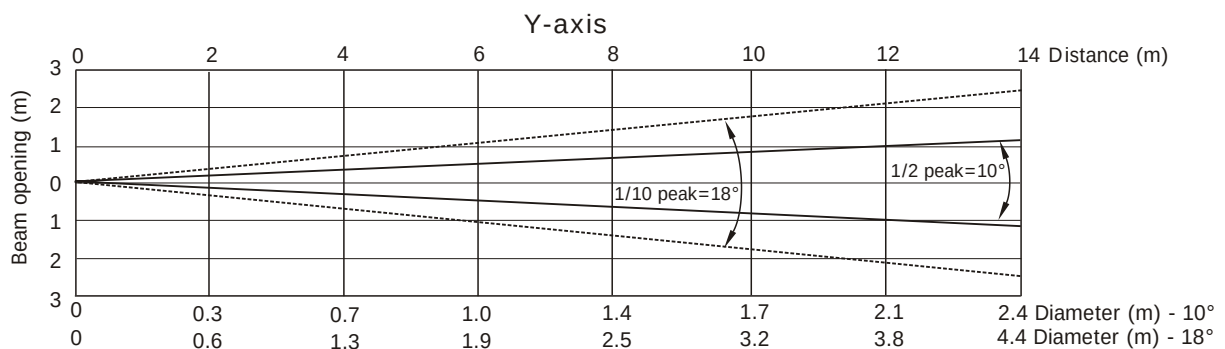
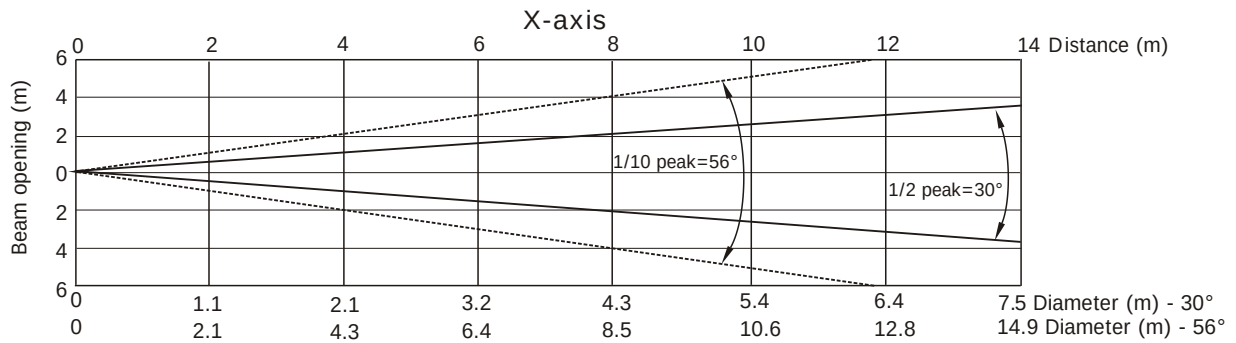


Robin CycBar 15

Photometric Diagram

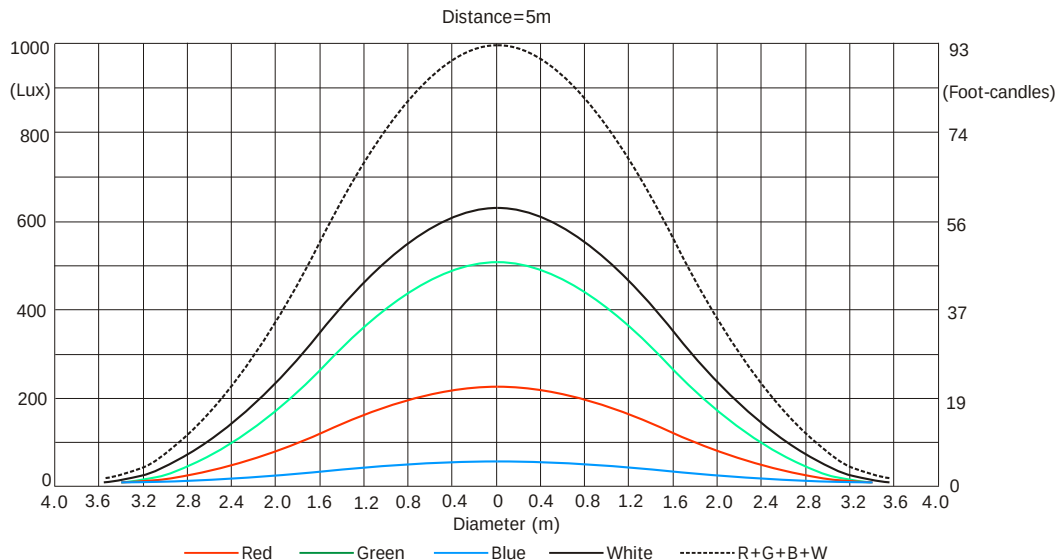
Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher



Distance (m)	2	4	5	6	8	10	12	14	Intensity (center) Lux/Footcandles
Red	1469/137	367/34	235/22	163/15	92/9	59/6	41/3.8	30/2.8	
Green	3156/293	789/73	505/47	350/33	197/18	126/12	88/8	64/6	
Blue	406/38	102/9	65/6	45/4	25/2.4	16/1.5	11/1.0	8/0.8	
White	3875/360	969/90	620/58	431/40	242/23	155/14	108/10	79/7	
R+G+B+W	6250/581	1563/145	1000/93	694/65	391/36	250/23	173/16	128/12	

Illuminance distribution in X-axis



Robin CycBar 15

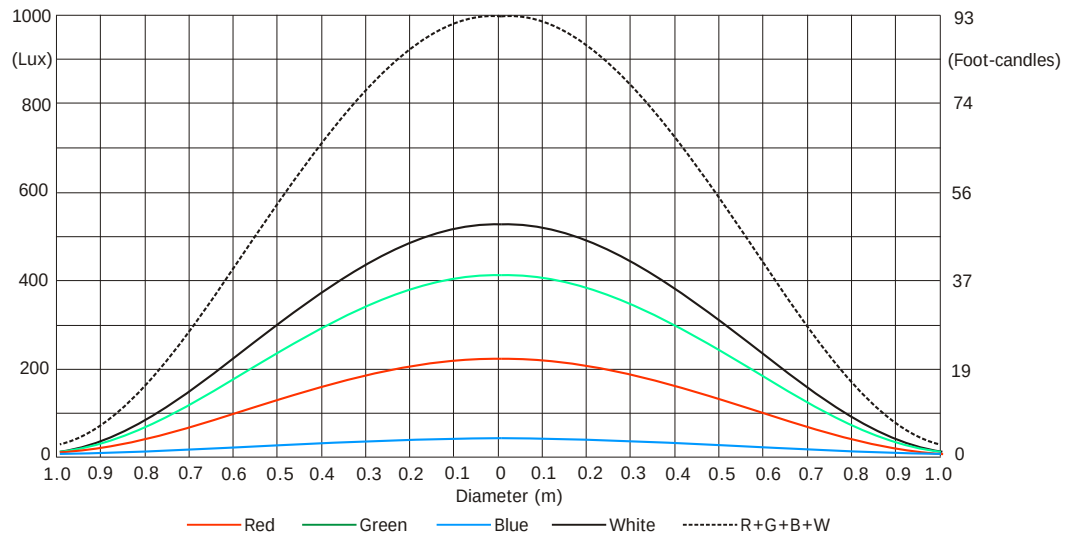
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher

Illuminance distribution in Y-axis

Distance=5m

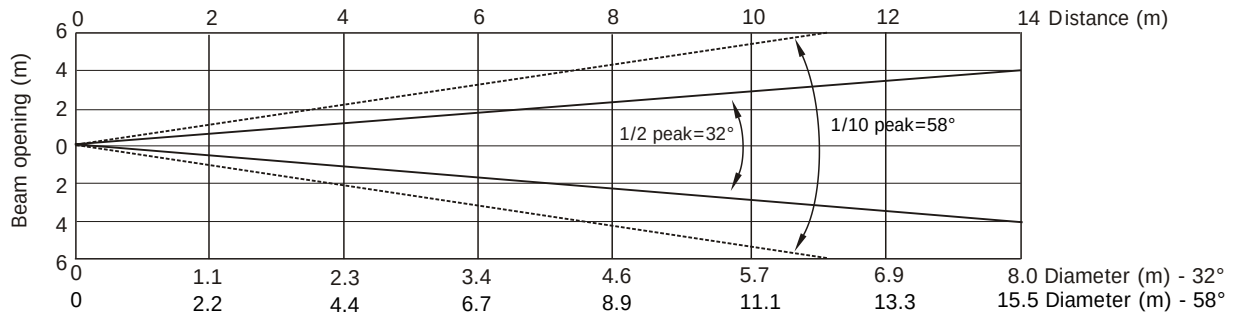


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

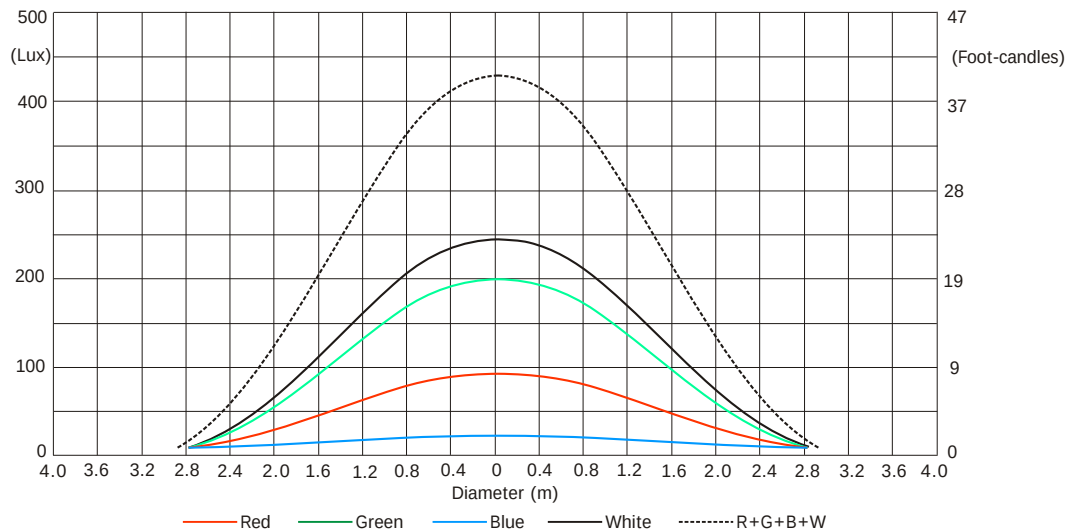
Diffuser 32°



Distance (m)	2	4	5	6	8	10	12	14	
Red	90/8	141/13	90/8	63/6	35/3	23/2.1	16/1.5	12/1.1	Intensity (center) Lux/Footcandles
Green	1250/116	313/29	200/19	140/13	78/7	50/5	35/3.2	26/2.4	
Blue	156/15	39/3.6	25/2.3	17/1.6	10/0.9	6/0.6	4/0.4	3/0.3	
White	1531/142	383/36	245/23	170/16	96/9	61/6	43/4	31/2.9	
R+G+B+W	2688/250	672/62	430/40	300/28	168/16	108/10	75/7	55/5	

Illuminance distribution

Distance=5m

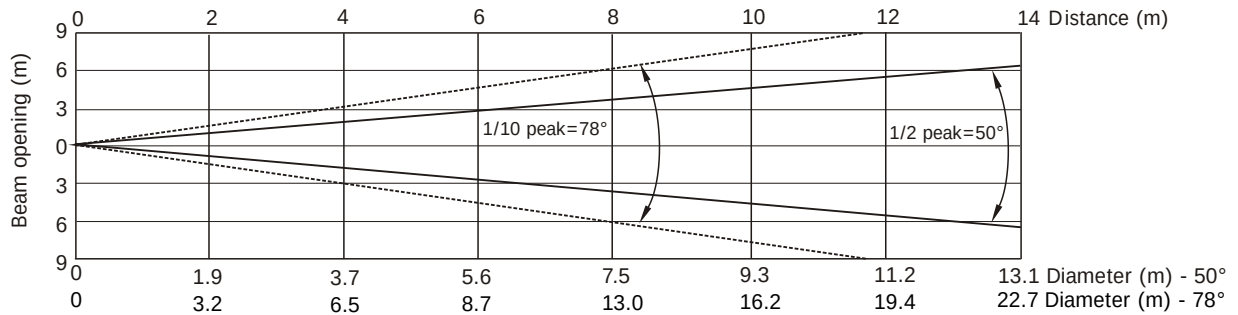


Robin CycBar 15

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	375/35	94/9	60/6	42/4	24/2.2	15/1.4	10/1	8/0.7	Intensity (center) Lux/Footcandles
Green	831/77	208/19	133/12	92/9	52/5	33/3	23/2	14/1.3	
Blue	106/10	27/3	17/1.6	12/1.1	7/0.6	4/0.4	3/0.3	2/1.6	
White	1031/96	258/24	165/15	115/11	65/6	41/4	29/2.7	21/2	
R+G+B+W	1780/166	445/41	285/27	198/18	111/10	71/7	50/5	36/3.4	

Illuminance distribution

Distance=5m

