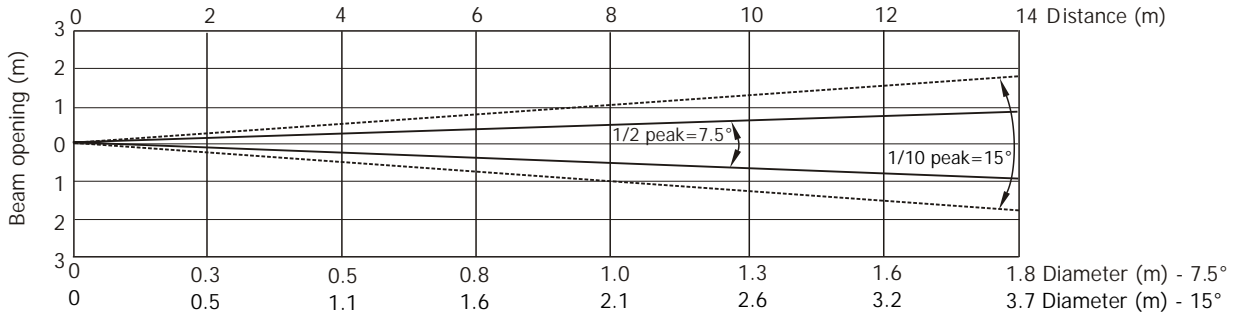


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

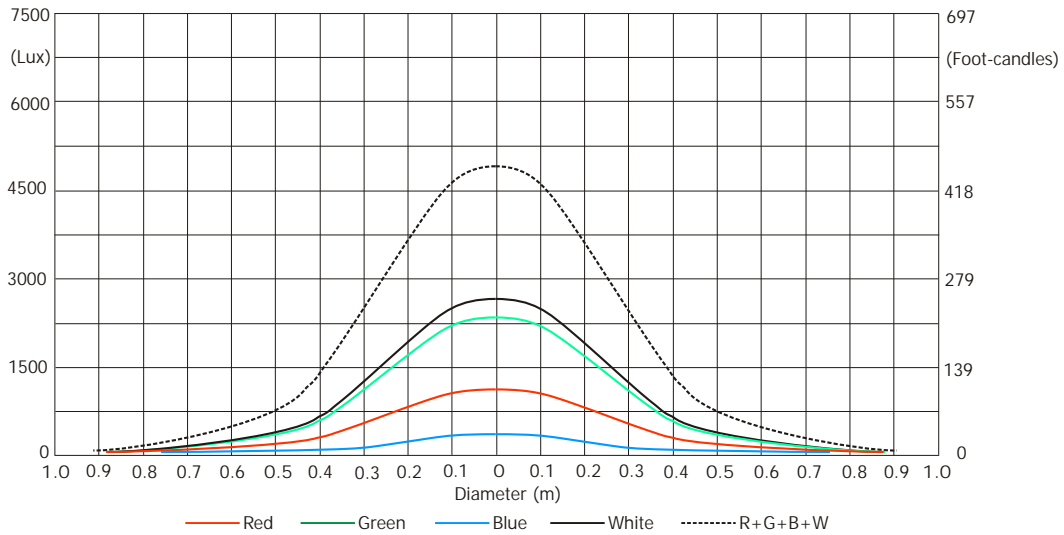
Without diffuser
Total Output: 3580 lumens



| 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

Distance=5m

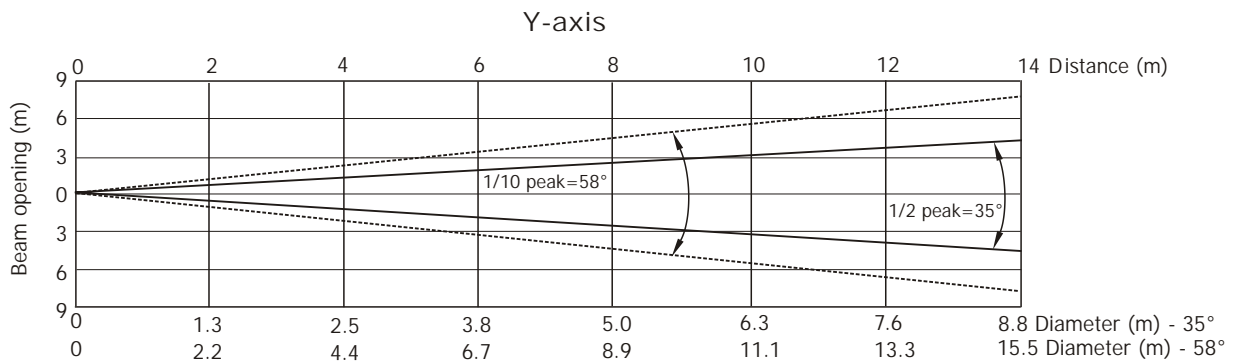
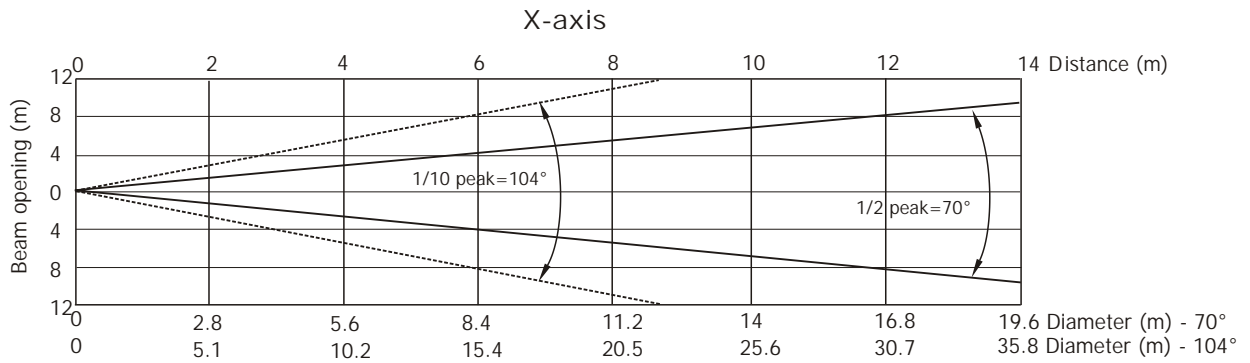


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

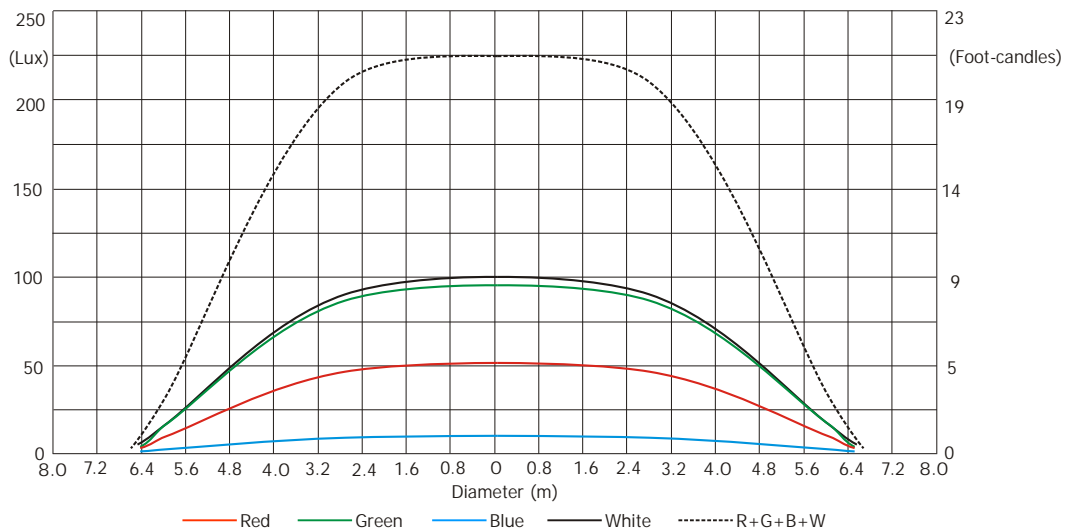
Diffuser 35°x70° WallWasher



| Distance (m) | 2 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | |
|--------------|----------|--------|--------|--------|--------|--------|--------|---------|---------------------------------------|
| Red | 325/30 | 81/8 | 52/5 | 36/3.4 | 20/1.9 | 13/1.2 | 9/0.8 | 6.6/0.6 | Intensity (center) Lux/Footcandles |
| 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

Distance=5m



Robin CycBar 15

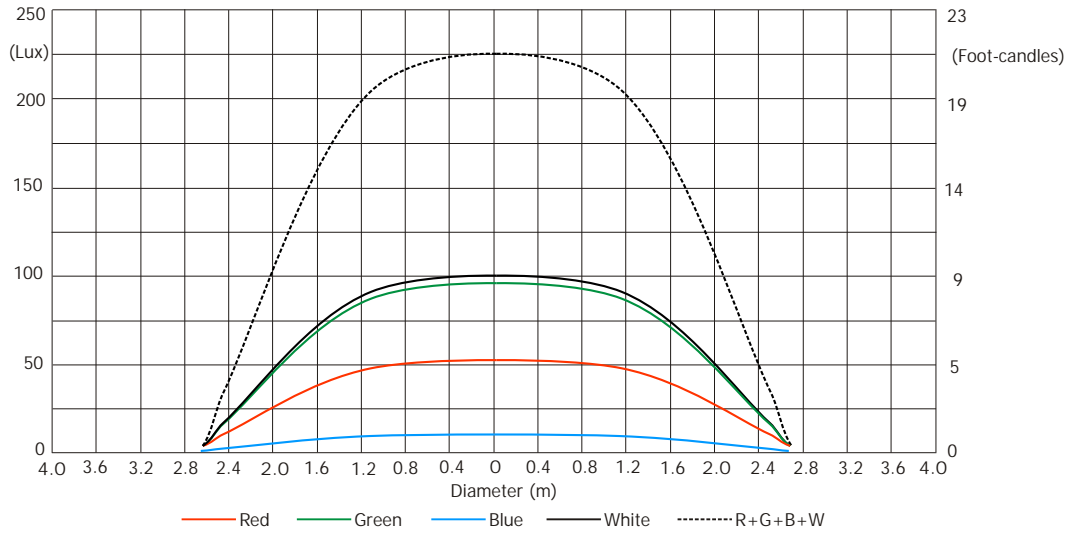
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 35°x70° WallWasher

Illuminance distribution in Y-axis

Distance=5m

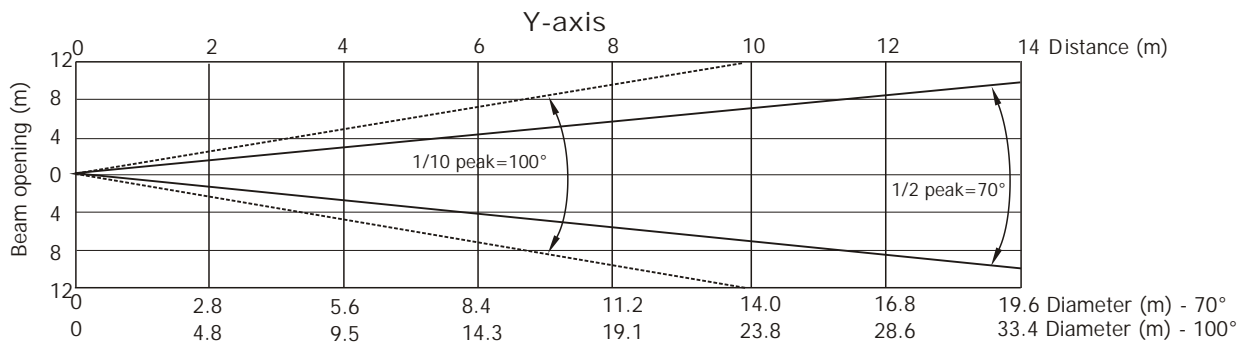
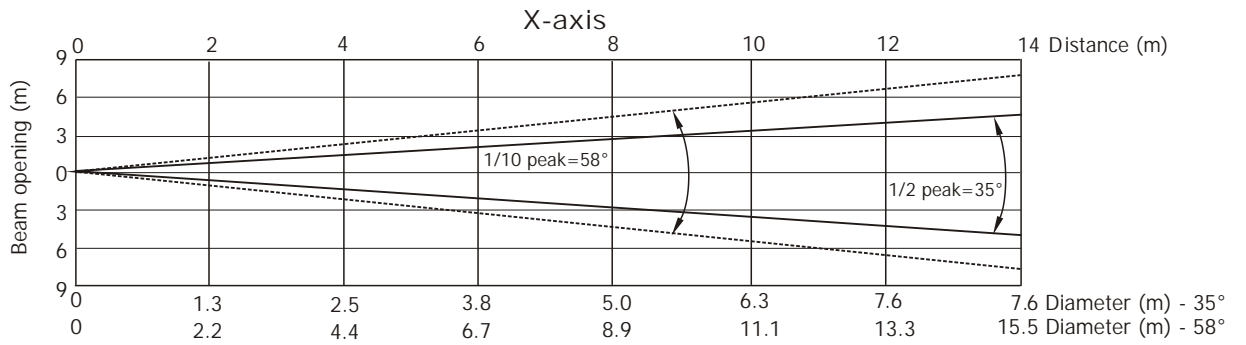


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

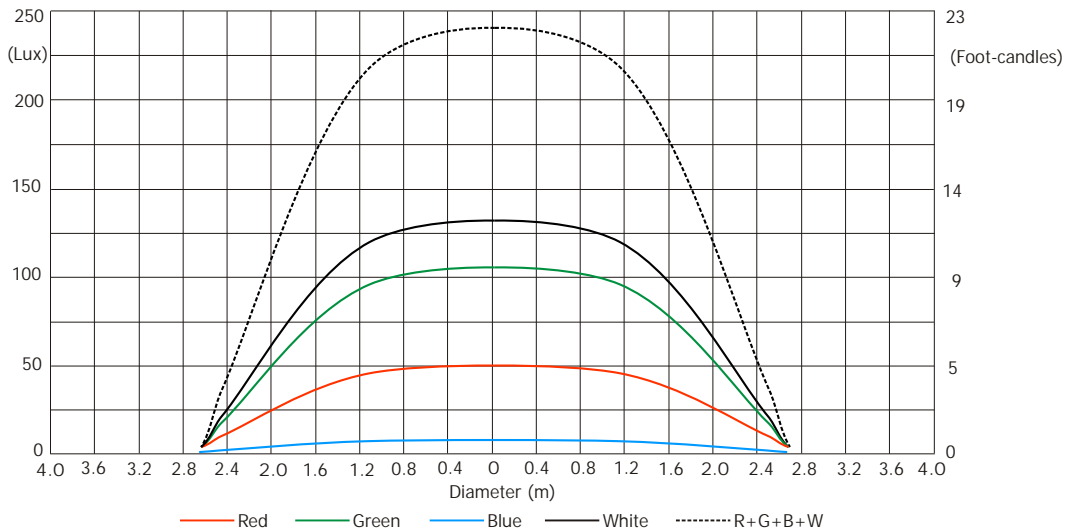
Diffuser 70°x35° CycLight



| 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



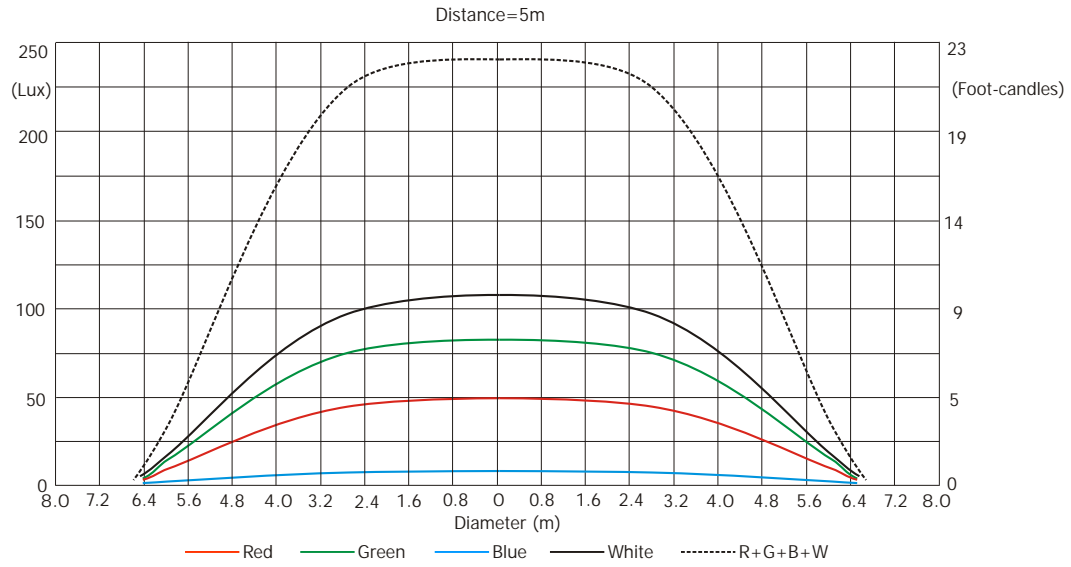
Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 70°x35° CycLight

Illuminance distribution in Y-axis

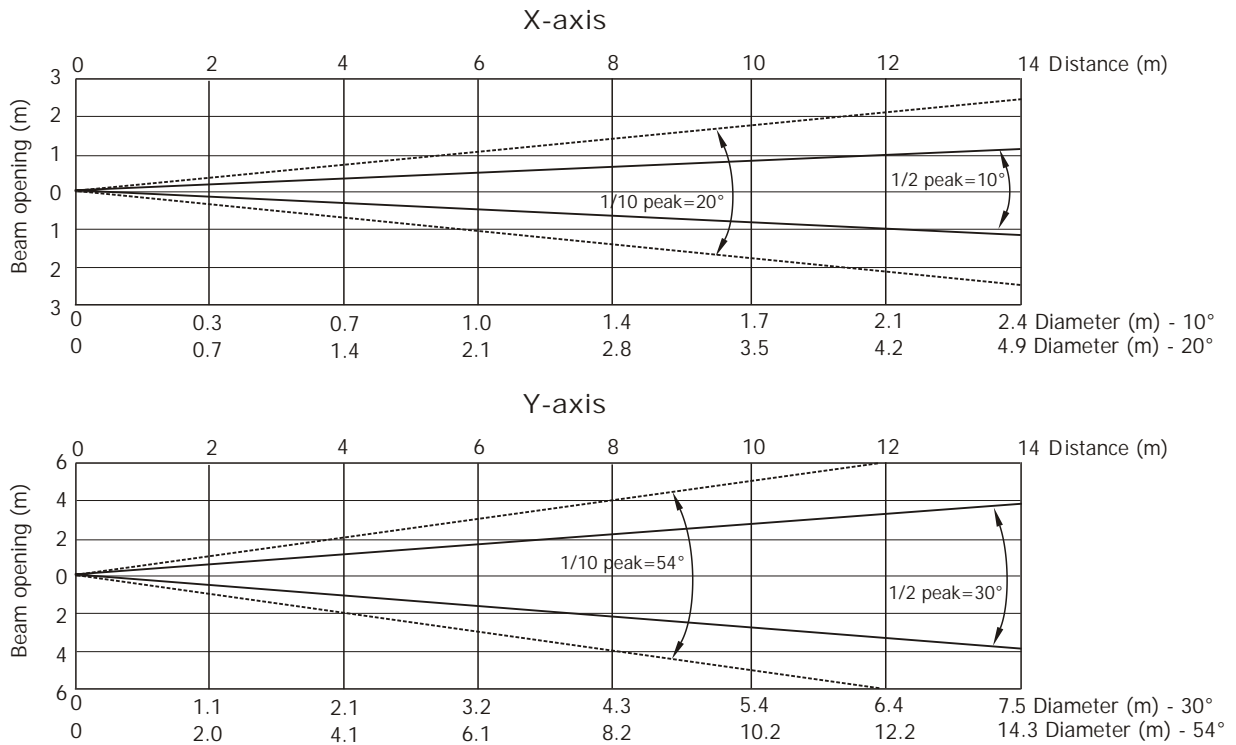


Robin CycBar 15

Photometric Diagram

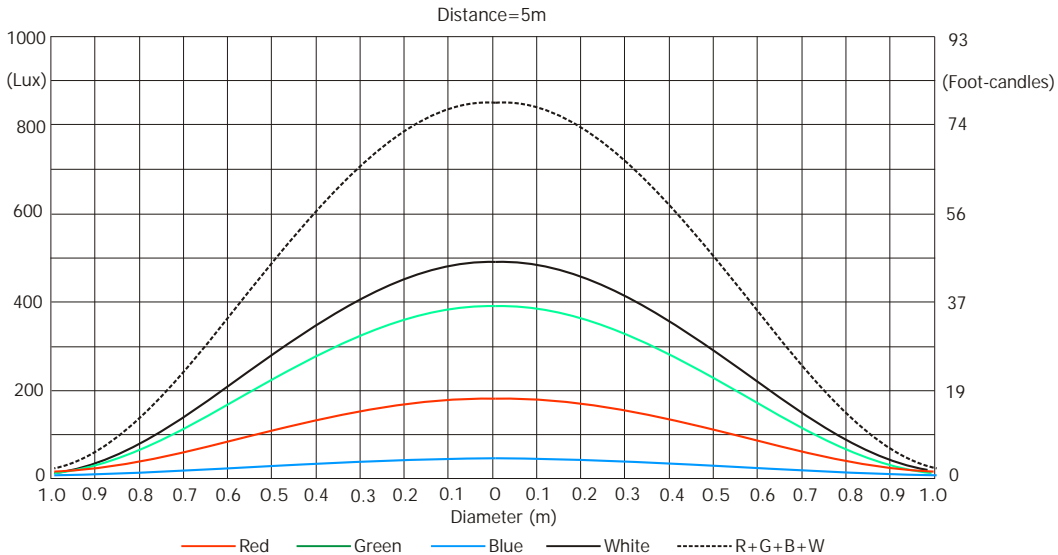
Beam angles measured at distance of 10 m from fixture

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

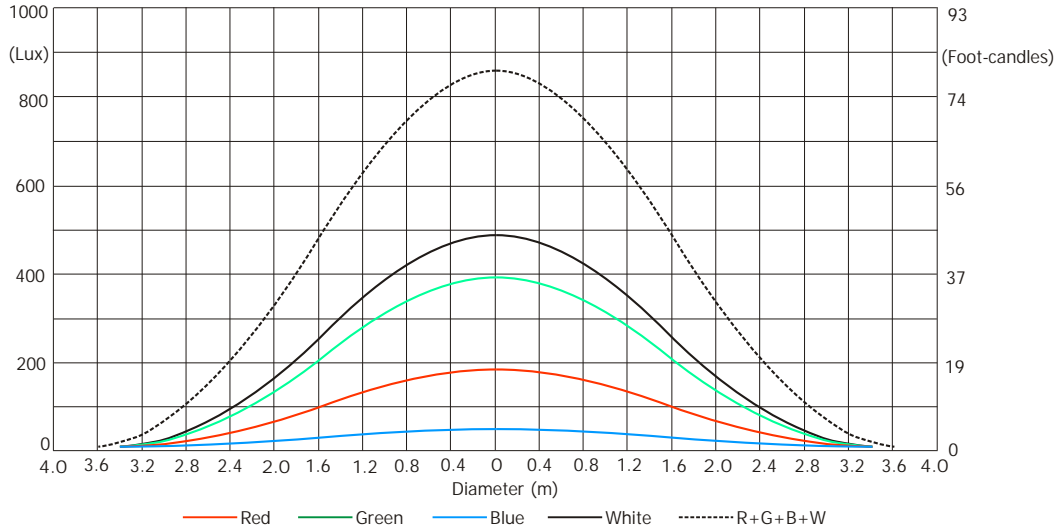
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 30°x10° CycLight

Illuminance distribution in Y-axis

Distance=5m

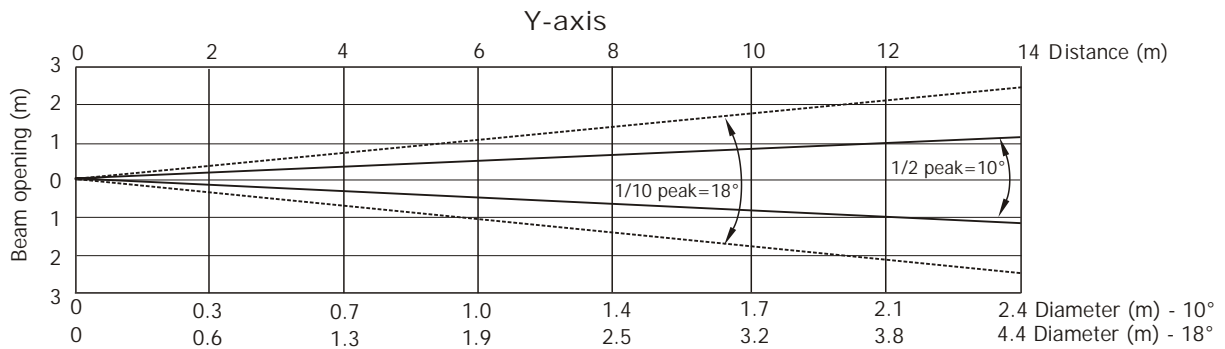
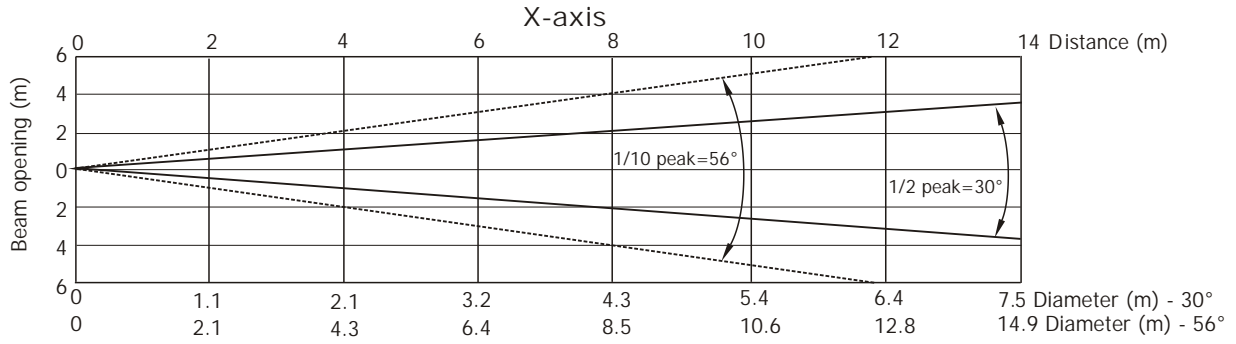


Robin CycBar 15

Photometric Diagram

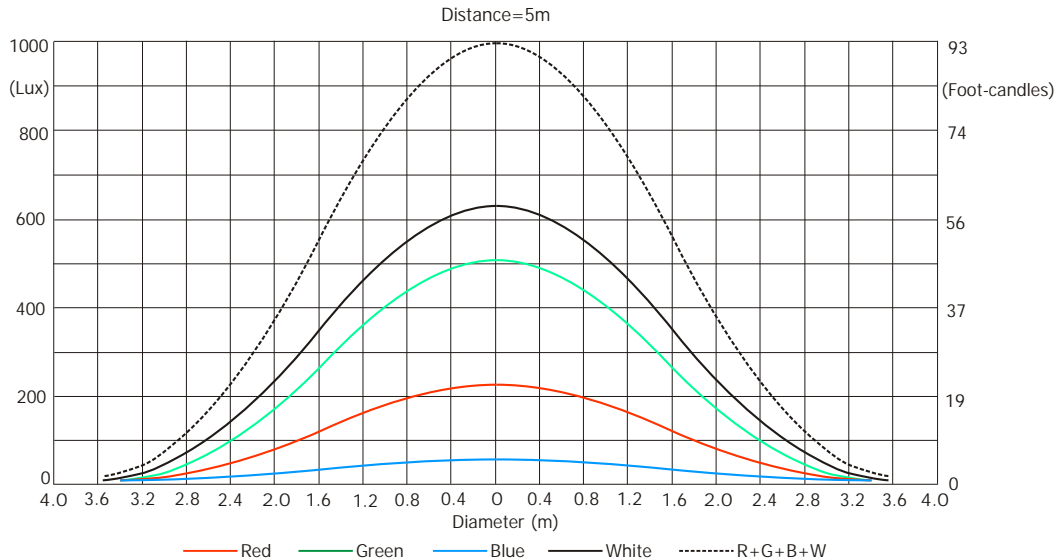
Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher



| Distance (m) | 2 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | |
|--------------|----------|----------|---------|--------|--------|--------|--------|--------|---------------------------------------|
| Red | 1469/137 | 367/34 | 235/22 | 163/15 | 92/9 | 59/6 | 41/3.8 | 30/2.8 | Intensity (center) Lux/Footcandles |
| 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

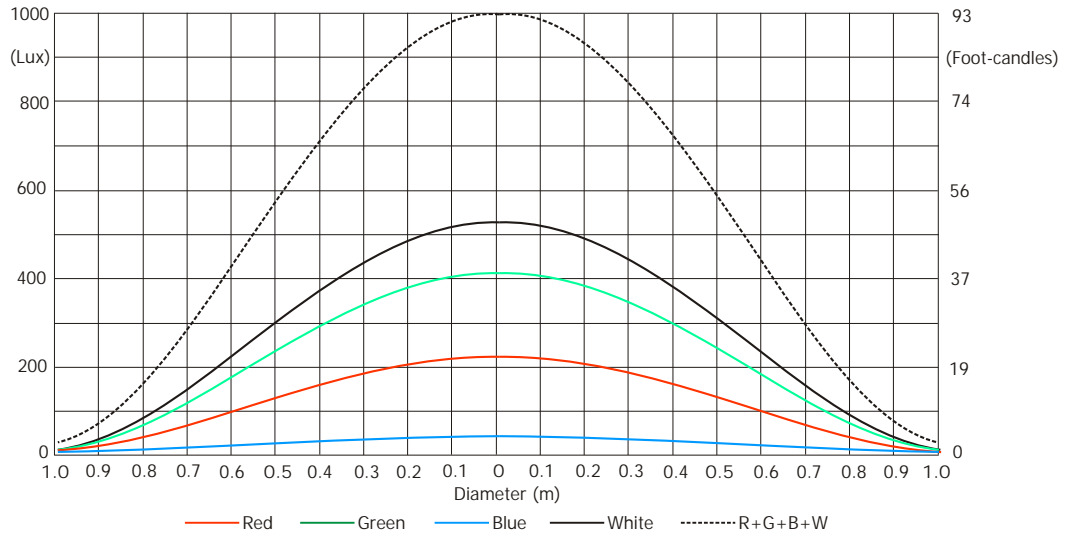
Photometric Diagram

Beam angles measured at distance of 10 m from fixture

Diffuser 10°x30° WallWasher

Illuminance distribution in Y-axis

Distance=5m

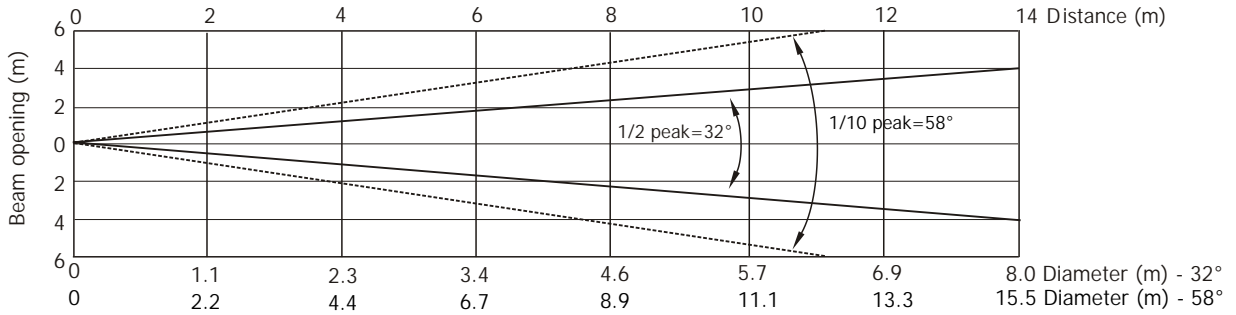


Robin CycBar 15

Photometric Diagram

Beam angles measured at distance of 10 m from fixture

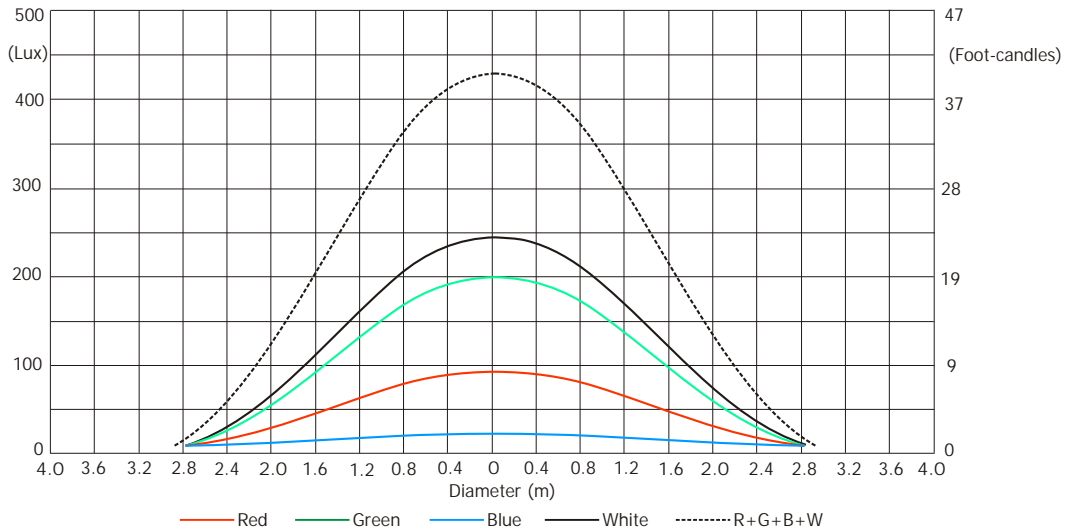
Diffuser 32°



| 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

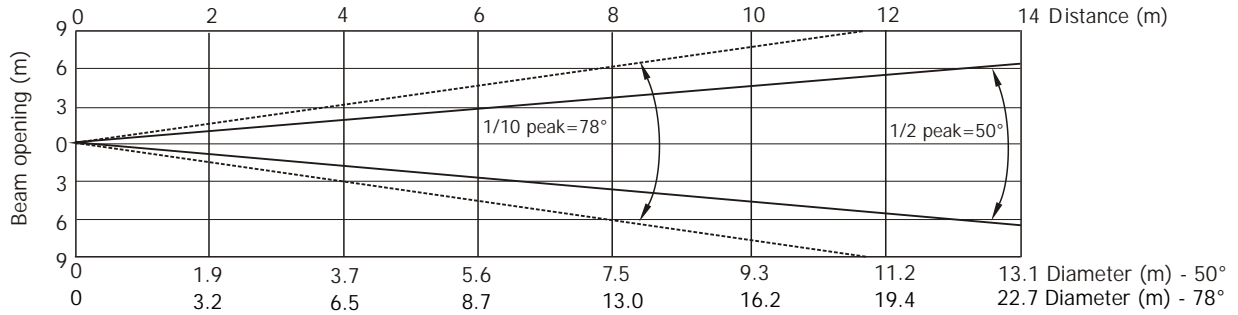


Robin CycBar 15

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

