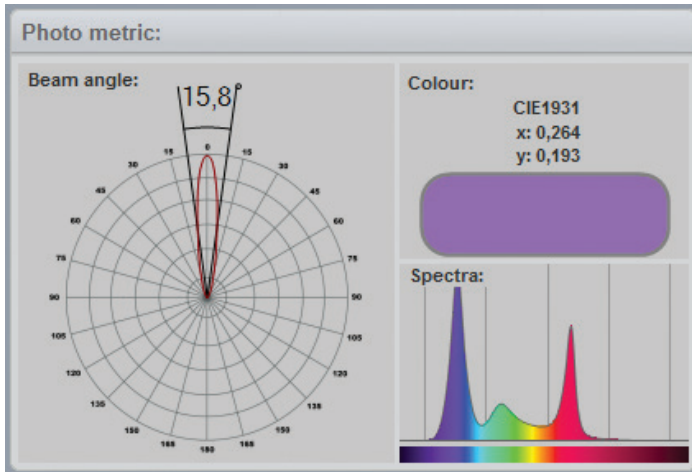
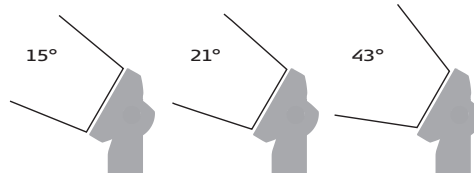


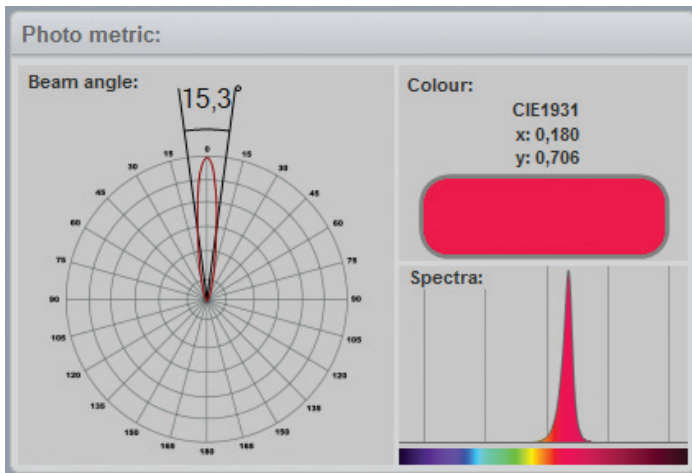
# P.5

## PHOTOMETRIC DATA\*

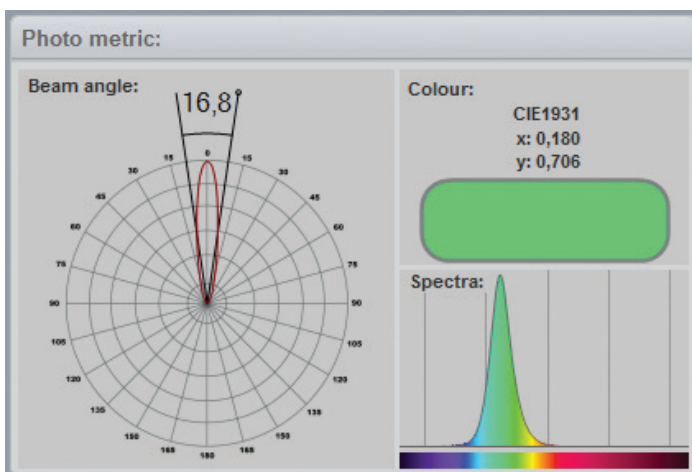
Narrow spread lens of 15°  
 Medium spread lens of 21°  
 Wide spread lens of 43°



**15°**  
**All LEDs on**  
 Light output 23000 lm  
 Power 447 W  
 Efficiency 52 lm/W



**15°**  
**Red**  
 Light output 6100 lm  
 Power 91,4 W  
 Efficiency 67 lm/W

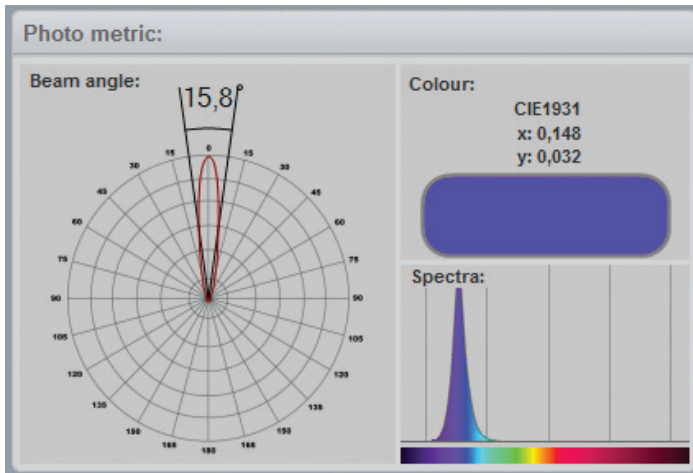


**15°**  
**Green**  
 Light output 7530 lm  
 Power 139,6 W  
 Efficiency 54 lm/W

\* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

# P.5

## PHOTOMETRIC DATA\*



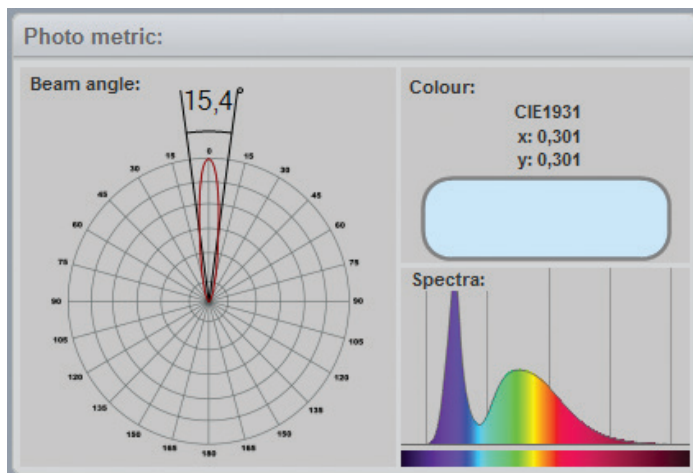
15°

**Blue**

Light output 4360 lm

Power 126,8 W

Efficiency 35 lm/W



15°

**White**

Light output 10100 lm

Power 121,2 W

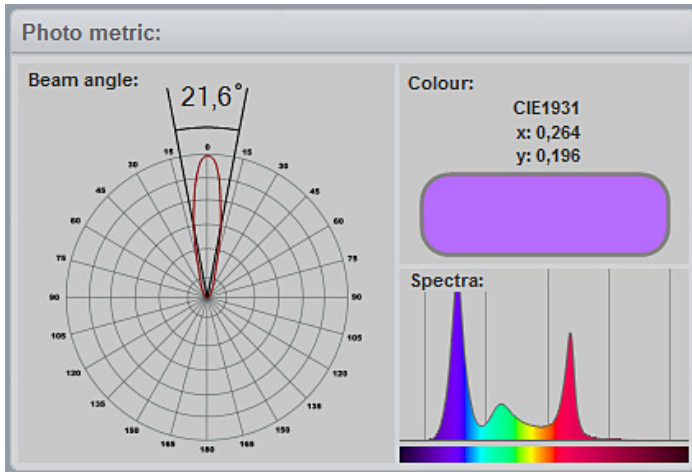
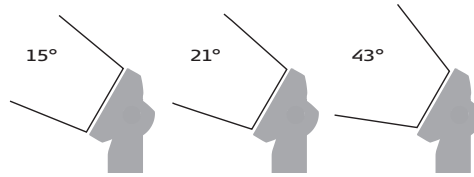
Efficiency 84 lm/W

\* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

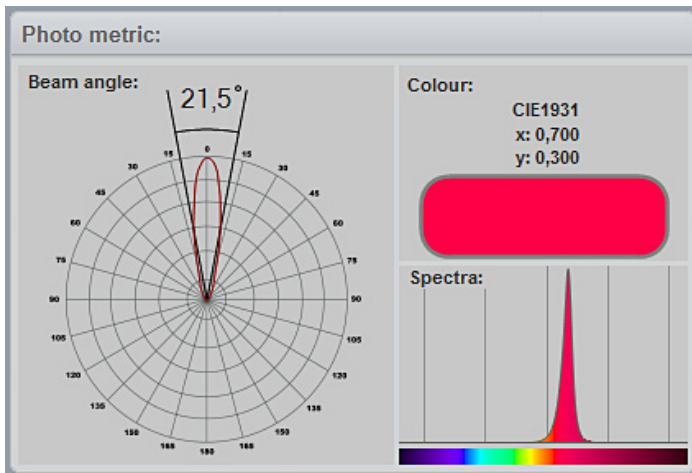
# P.5

## PHOTOMETRIC DATA\*

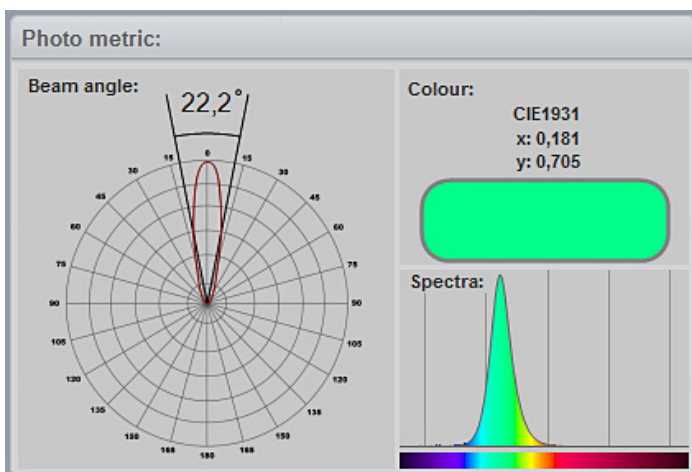
Narrow spread lens of 15°  
 Medium spread lens of 21°  
 Wide spread lens of 43°



**21°**  
**All LEDs on**  
 Light output 25850 lm  
 Power 443 W  
 Efficiency 58 lm/W



**21°**  
**Red**  
 Light output 6180 lm  
 Power 90 W  
 Efficiency 69 lm/W

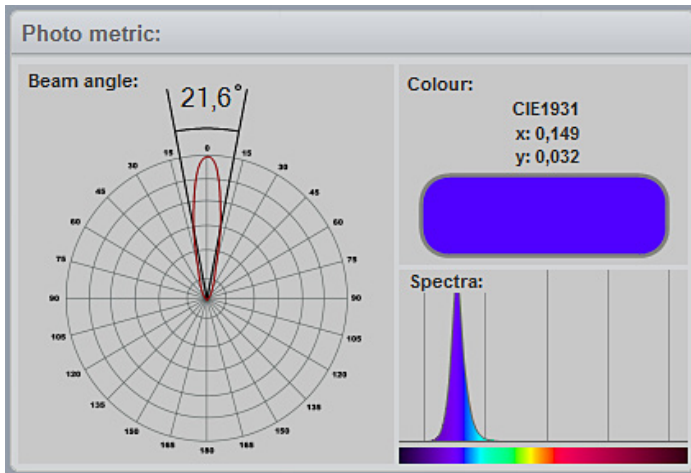


**21°**  
**Green**  
 Light output 8210 lm  
 Power 139 W  
 Efficiency 59 lm/W

\* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

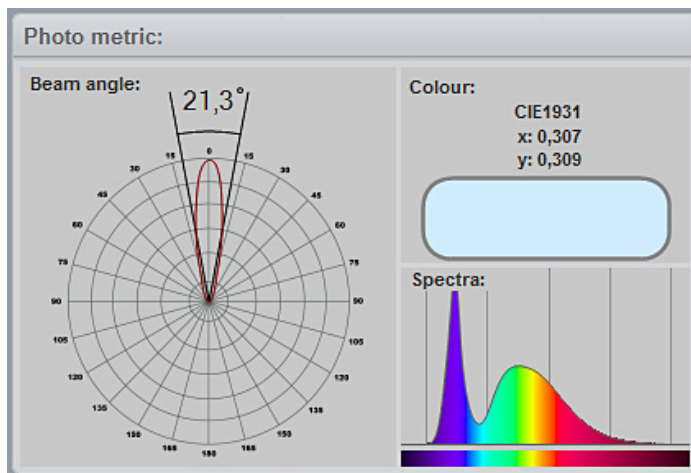
# P.5

## PHOTOMETRIC DATA\*



**21°  
Blue**

Light output	2910 lm
Power	125 W
Efficiency	23 lm/W



**21°  
White**

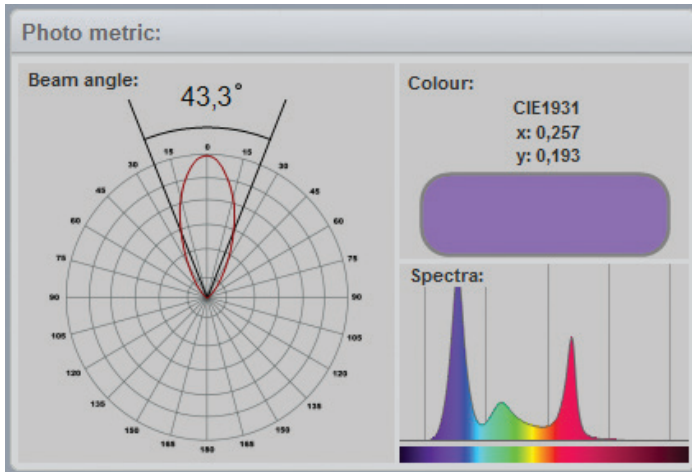
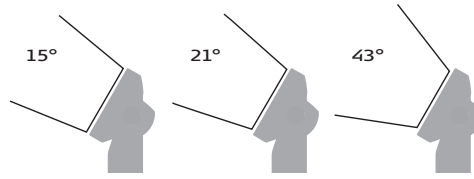
Light output	10980 lm
Power	121 W
Efficiency	91 lm/W

\* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

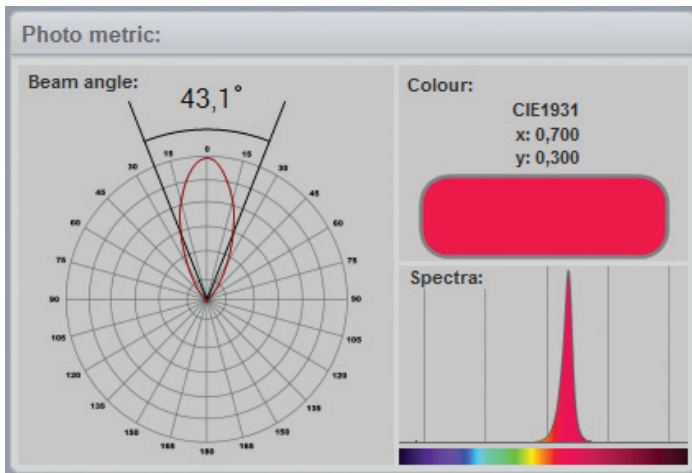
# P.5

## PHOTOMETRIC DATA\*

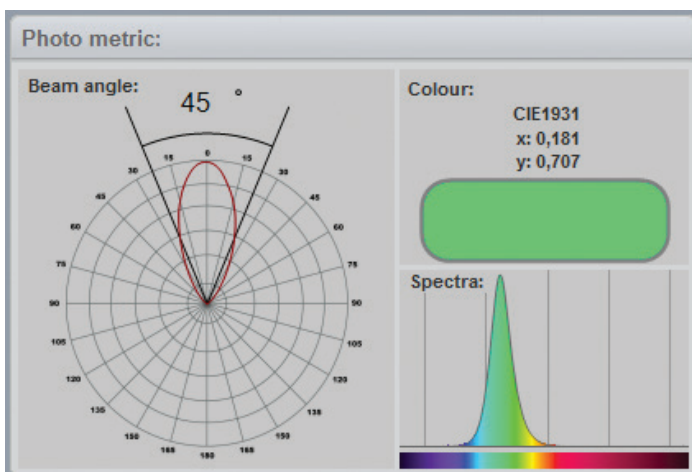
Narrow spread lens of 15°  
 Medium spread lens of 21°  
 Wide spread lens of 43°



**43°**  
**All LEDs on**  
 Light output 23500 lm  
 Power 440,7 W  
 Efficiency 54 lm/W



**43°**  
**Red**  
 Light output 5050 lm  
 Power 88,4 W  
 Efficiency 59 lm/W

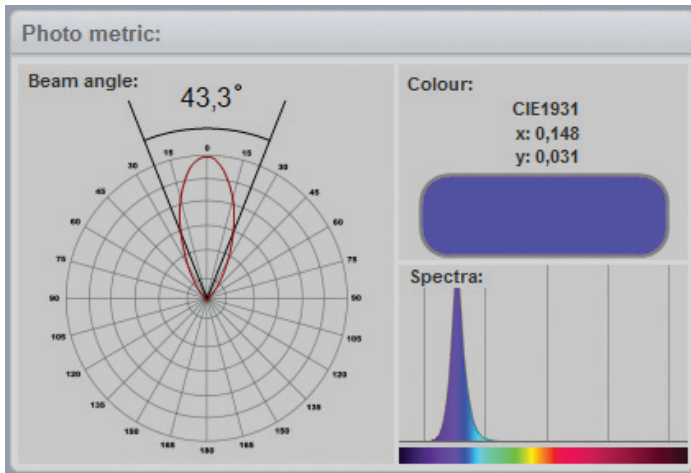


**43°**  
**Green**  
 Light output 7600 lm  
 Power 138,7 W  
 Efficiency 52 lm/W

\* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

# P.5

## PHOTOMETRIC DATA\*



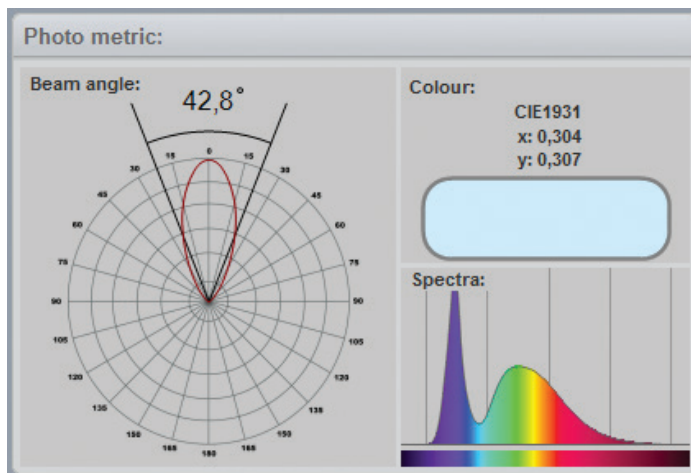
43°

**Blue**

Light output 2550 lm

Power 123,5 W

Efficiency 21 lm/W



43°

**White**

Light output 10240 lm

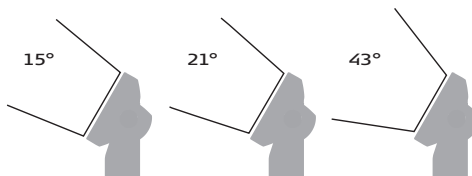
Power 121,5 W

Efficiency 85 lm/W

# P.5

## LUX DIAGRAM

Narrow spread lens of 15°  
 Medium spread lens of 21°  
 Wide spread lens of 43°



Distance (m)	Illumination (Lux)	Beam width, (m)	15°
1	92500	0,3	
2	23100	0,5	
3	10300	0,8	
5	3700	1,3	
10	930	2,6	
15	410	3,9	
20	230	5,3	
25	147	6,6	
30	103	7,9	
35	75	9,2	
40	58	10,5	
45	46	11,8	
50	37	13,2	

Distance (m)	Illumination (Lux)	Beam width, (m)	21°
1	45300	0,4	
2	11300	0,7	
3	5000	1,1	
5	1800	1,9	
10	455	3,7	
15	200	5,6	
20	113	7,4	
25	72	9,3	
30	50	11,1	
35	37	13	
40	28	14,8	
45	22	16,7	
50	18	18,5	

Distance (m)	Illumination (Lux)	Beam width, (m)	43°
1	20100	0,8	
2	5000	1,6	
3	2200	2,4	
5	800	3,9	
10	200	7,9	
15	89	11,8	
20	50	15,8	
25	32	19,7	
30	22	23,6	
35	16	27,6	
40	13	31,5	
45	11	35,5	
50	8	39,4	

Distributor:



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