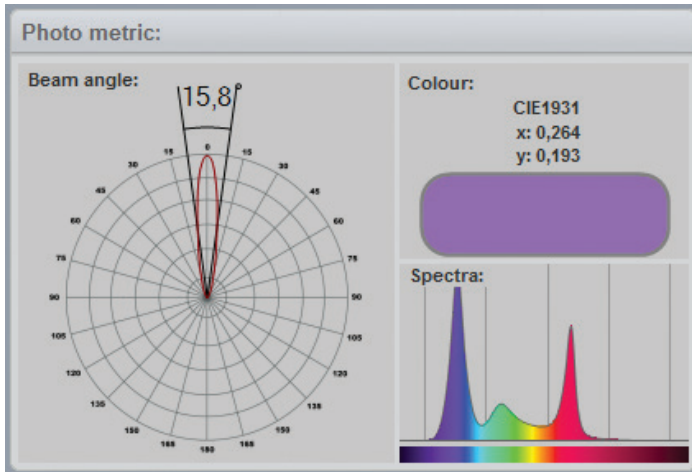
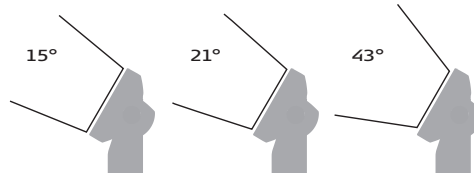


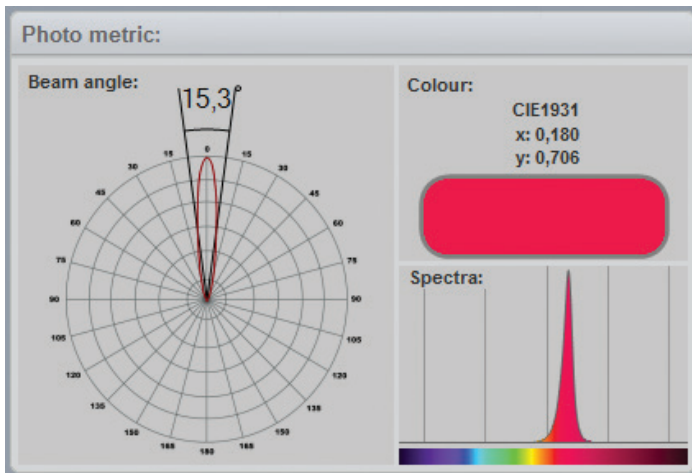
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PHOTOMETRIC DATA*

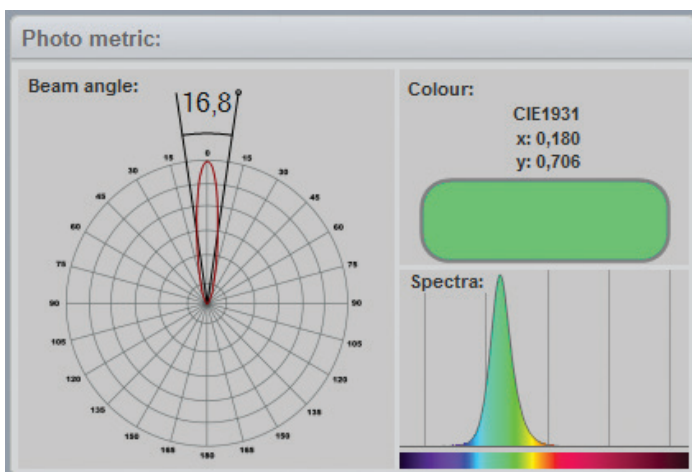
Narrow spread lens of 15°
 Medium spread lens of 21°
 Wide spread lens of 43°



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

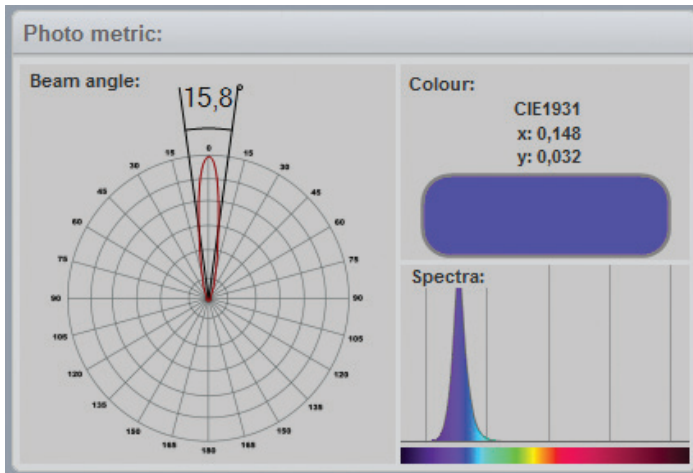


15°
Green
 Light output 7530 lm
 Power 139,6 W
 Efficiency 54 lm/W

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

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PHOTOMETRIC DATA*



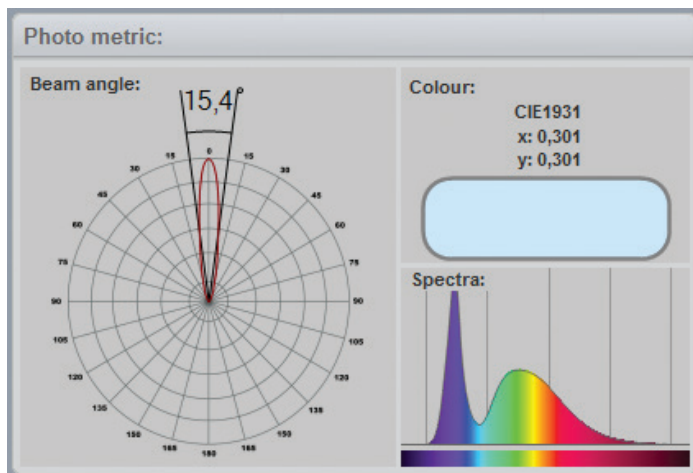
15°

Blue

Light output 4360 lm

Power 126,8 W

Efficiency 35 lm/W



15°

White

Light output 10100 lm

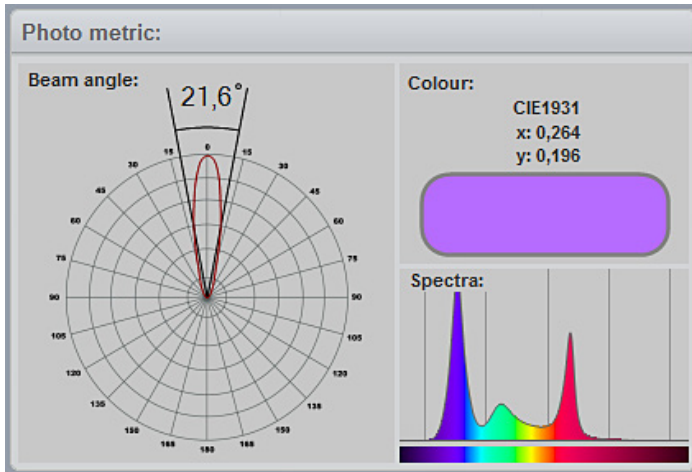
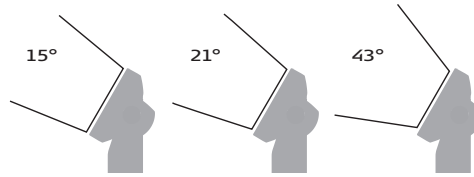
Power 121,2 W

Efficiency 84 lm/W

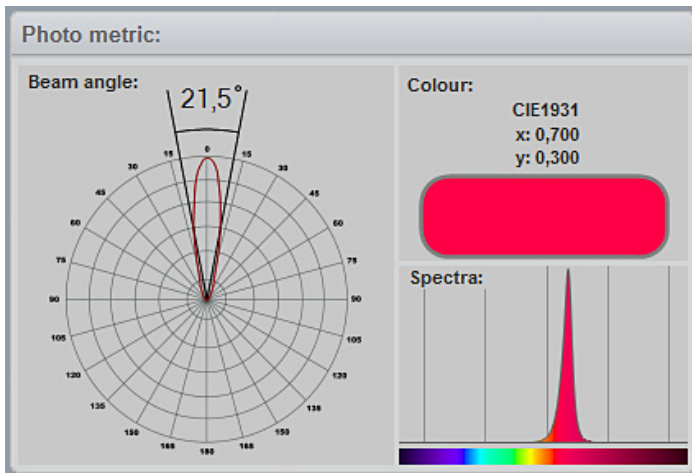
P.5

PHOTOMETRIC DATA*

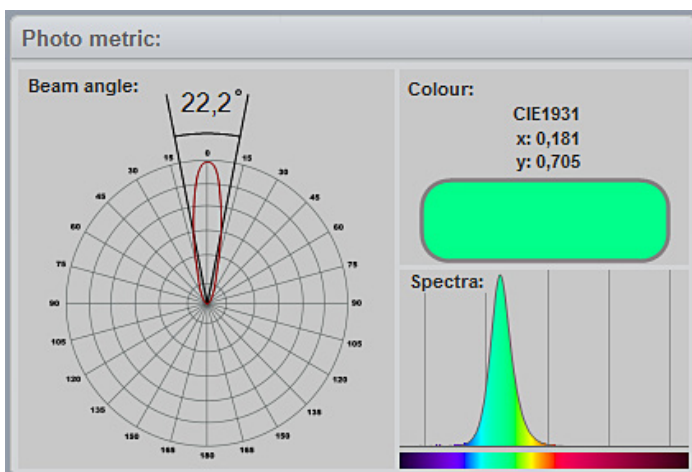
Narrow spread lens of 15°
 Medium spread lens of 21°
 Wide spread lens of 43°



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

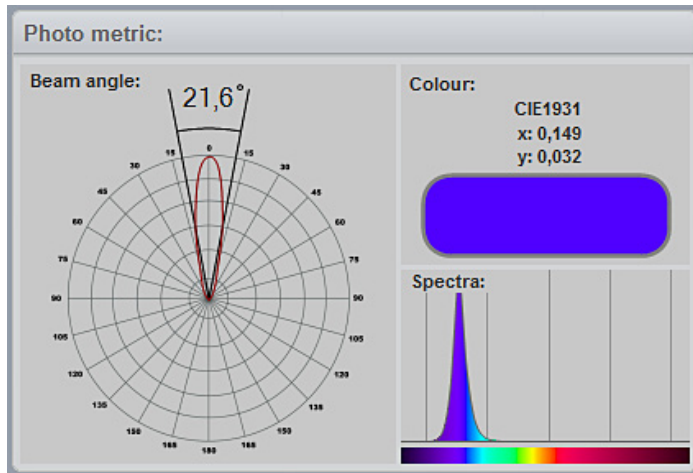


21°
Green
 Light output 8210 lm
 Power 139 W
 Efficiency 59 lm/W

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

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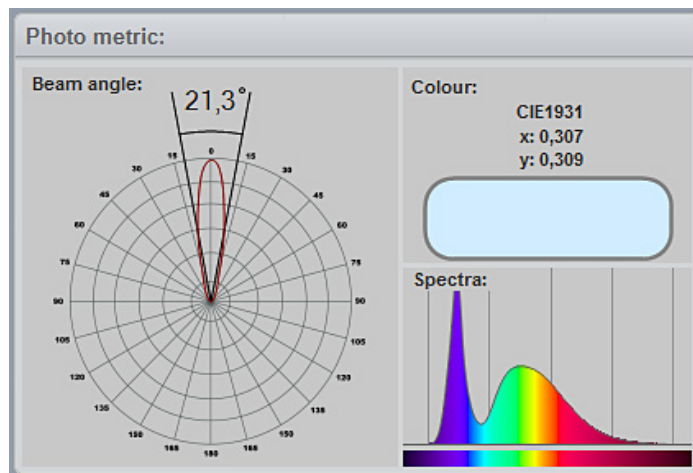
PHOTOMETRIC DATA*



21°

Blue

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



21°

White

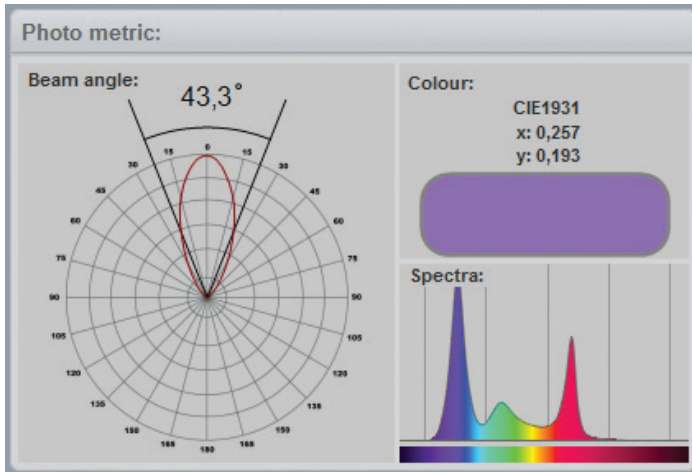
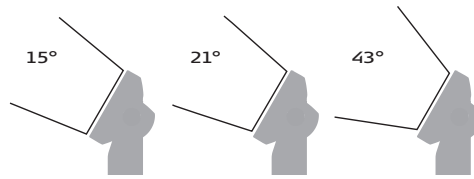
Light output 10980 lm
Power 121 W
Efficiency 91 lm/W

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

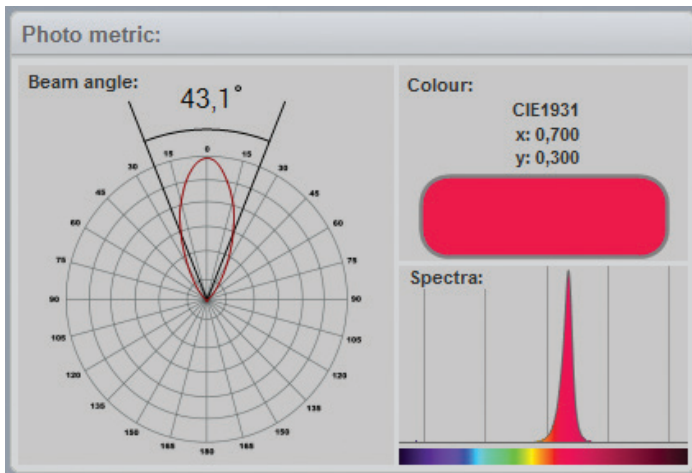
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PHOTOMETRIC DATA*

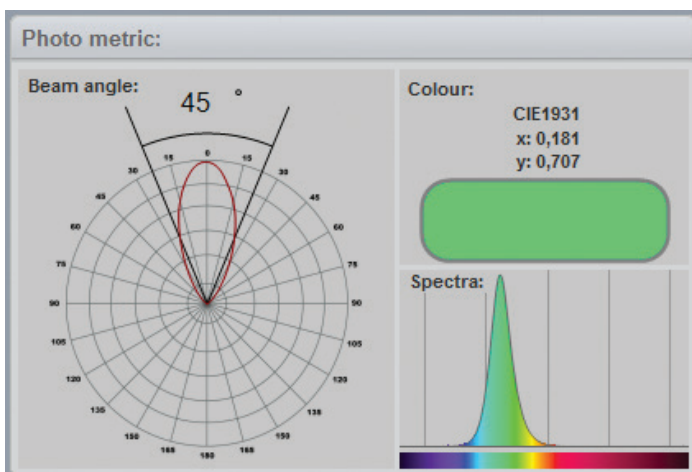
Narrow spread lens of 15°
 Medium spread lens of 21°
 Wide spread lens of 43°



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

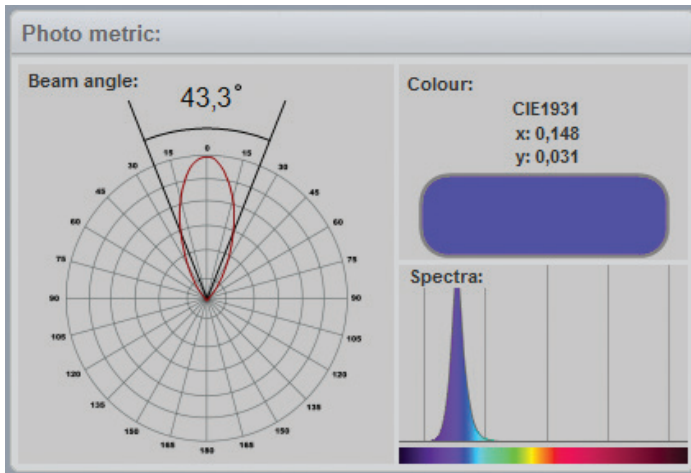


43°
Green
 Light output 7600 lm
 Power 138,7 W
 Efficiency 52 lm/W

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

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PHOTOMETRIC DATA*



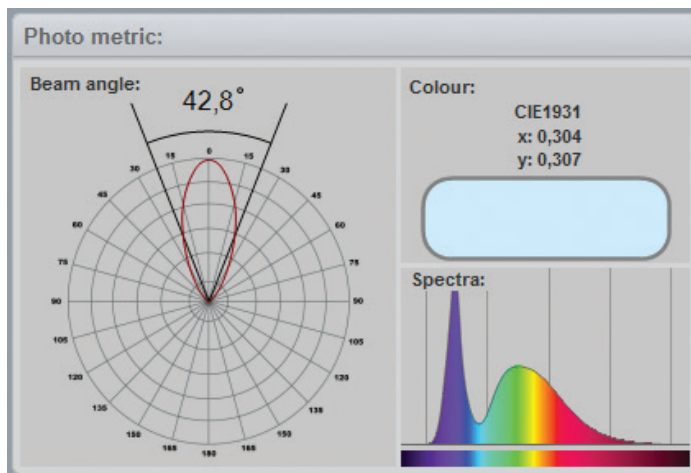
43°

Blue

Light output 2550 lm

Power 123,5 W

Efficiency 21 lm/W



43°

White

Light output 10240 lm

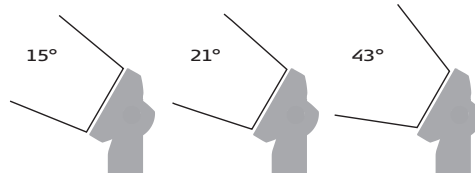
Power 121,5 W

Efficiency 85 lm/W

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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	