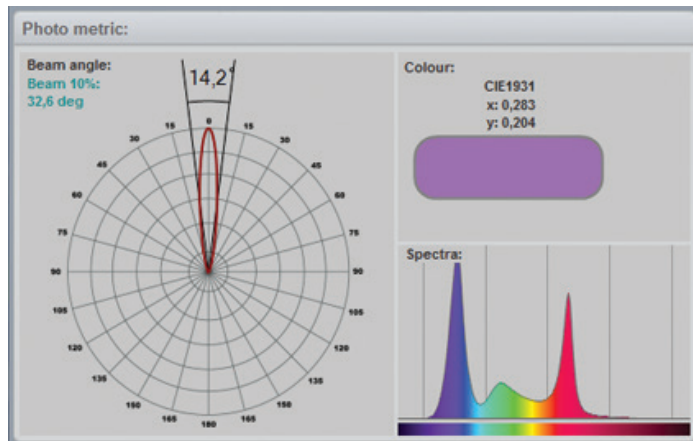
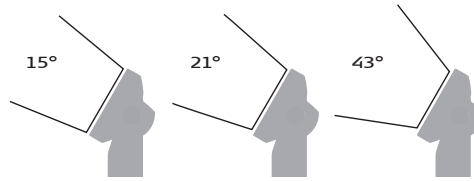


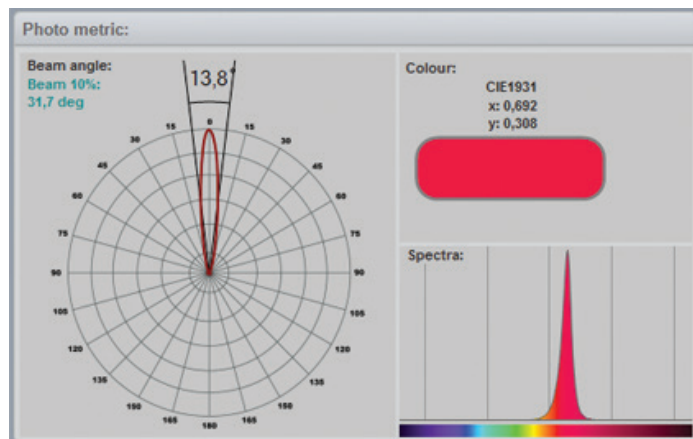
# P · 2

## PHOTOMETRIC DATA\*

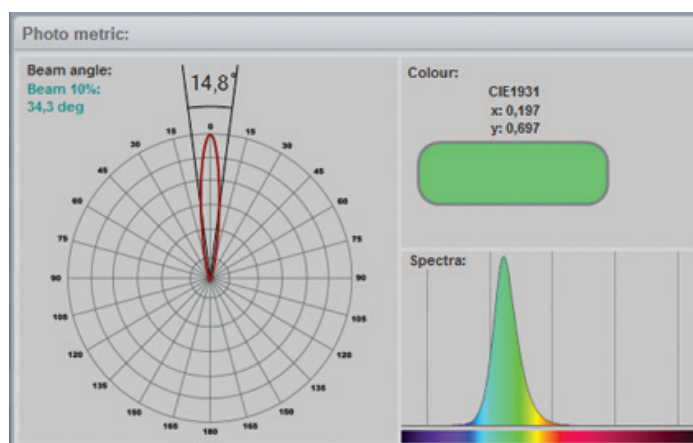
Narrow spread angle of 15°  
 Medium spread angle of 21°  
 Wide spread angle of 43°



15°  
 All LEDs on  
 Light output 10100 lm  
 Power 200 W  
 Optical efficiency 51 lm/W  
 Spread angle 50% 14°  
 Spread angle 10% 33°



15°  
 Red  
 Light output 3200 lm  
 Power 40 W  
 Optical efficiency 80 lm/W  
 Spread angle 50% 14°  
 Spread angle 10% 32°



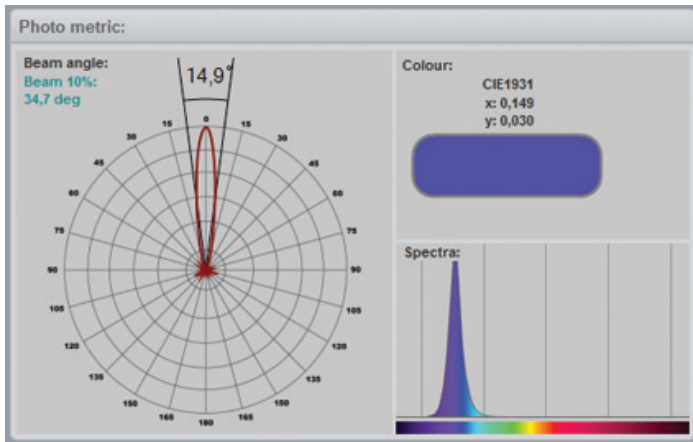
15°  
 Green  
 Light output 2900 lm  
 Power 50 W  
 Optical efficiency 58 lm/W  
 Spread angle 50% 15°  
 Spread angle 10% 34°

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

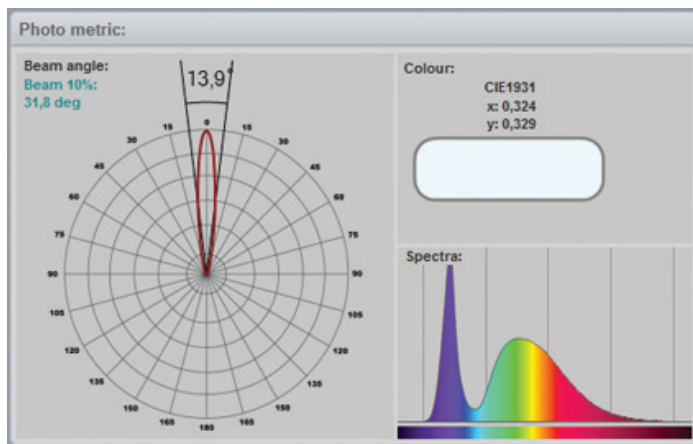
\*\* Measurements is typical values across the range of product line

# P · 2

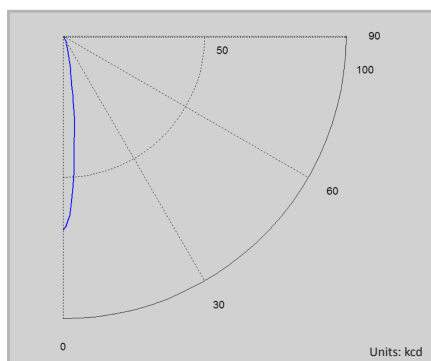
## PHOTOMETRIC DATA\*



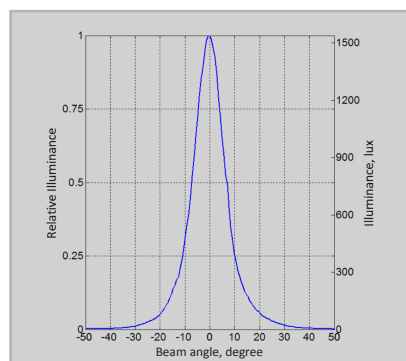
15°	
Blue	
Light output	1500 lm
Power	48 W
Optical efficiency	31 lm/W
Spread angle 50%	15°
Spread angle 10%	35°



15°	
White	
Light output	4500 lm
Power	50 W
Optical efficiency	90 lm/W
Spread angle 50%	14°
Spread angle 10%	32°
CRI	70
CCT	6000 K



15°  
Polar Candela Distribution  
All LEDs on



15°  
Beam Profile  
All LEDs on

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

\*\* Measurements is typical values across the range of product line