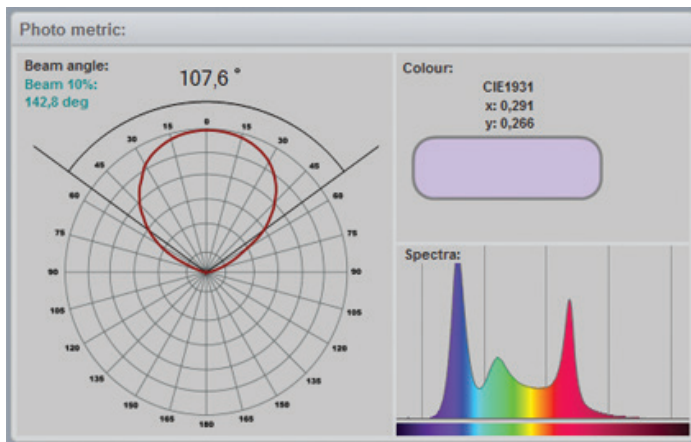


Q.2

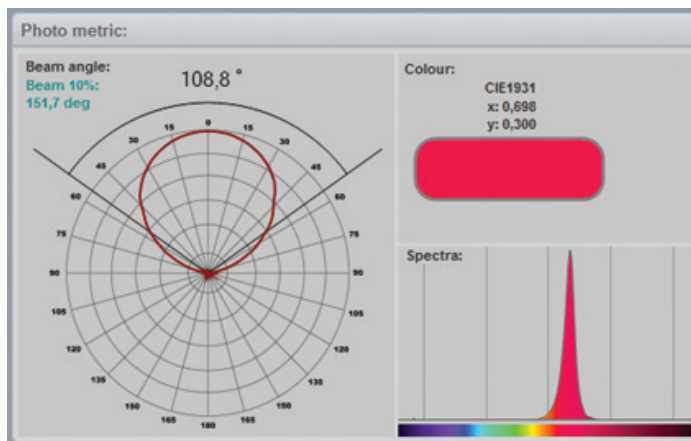
PHOTOMETRIC DATA*



110°

All LEDs on

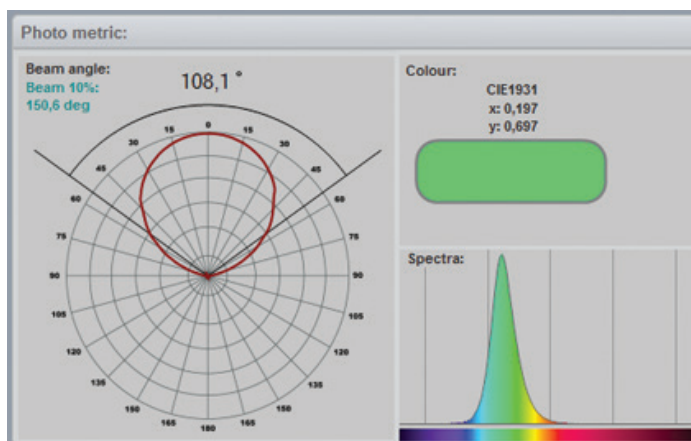
Light output	12000 lm
Power	200 W
Efficiency	60 lm/W
Spread angle 50%	108°
Spread angle 10%	143°



110°

Red

Light output	1850 lm
Power	40 W
Efficiency	46 lm/W
Spread angle 50%	109°
Spread angle 10%	152°



110°

Green

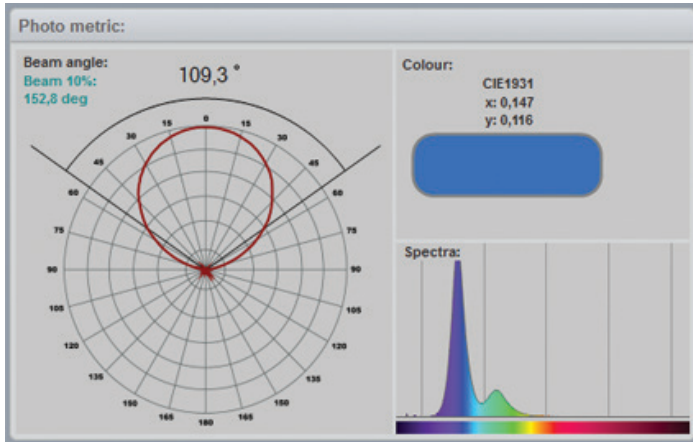
Light output	3100 lm
Power	55 W
Efficiency	56 lm/W
Spread angle 50%	108°
Spread angle 10%	151°

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

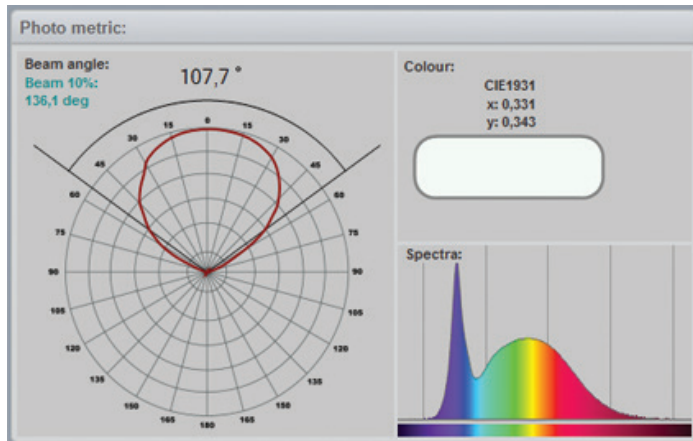
** Measurements is typical values across the range of product line

Q.2

PHOTOMETRIC DATA*



110°	
Blue	
Light output	1600 lm
Power	55 W
Efficiency	29 lm/W
Spread angle 50%	109°
Spread angle 10%	153°



110°	
White	
Light output	7500 lm
Power	45 W
Efficiency	167 lm/W
Spread angle 50%	108°
Spread angle 10%	136°
CRI	85
CCT	5700 K

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

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