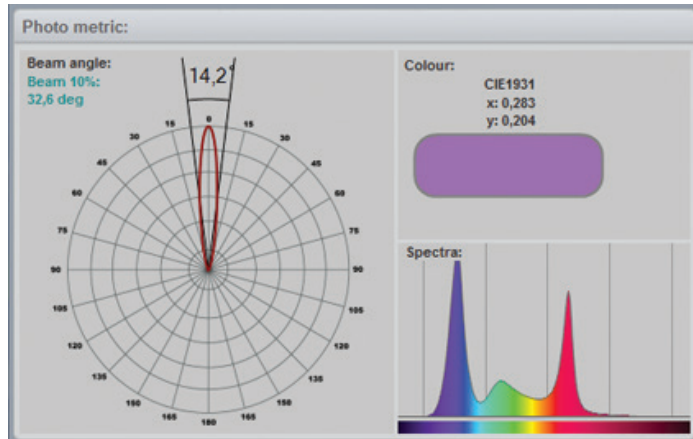
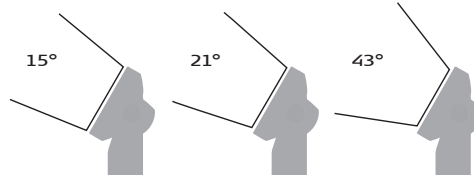


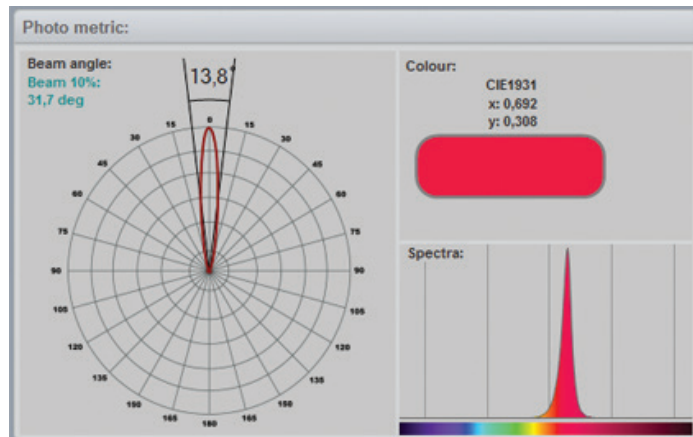
P · 2

PHOTOMETRIC DATA*

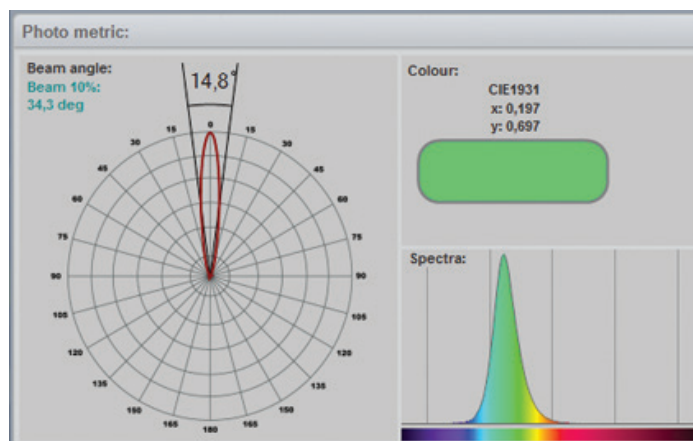
Narrow spread angle of 15°
 Medium spread angle of 21°
 Wide spread angle of 43°



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°



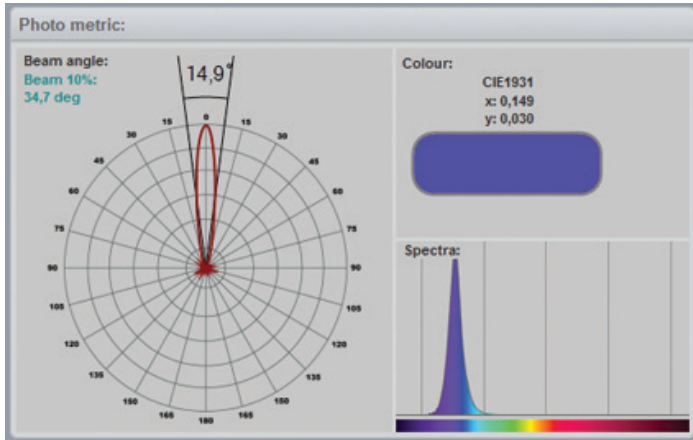
15°
 Green
 Light output 2900 lm
 Power 50 W
 Optical efficiency 58 lm/W
 Spread angle 50% 15°
 Spread angle 10% 34°

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

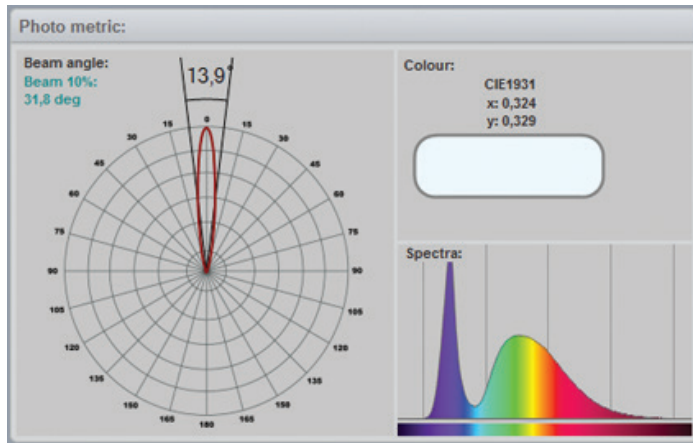
** Measurements is typical values across the range of product line

P · 2

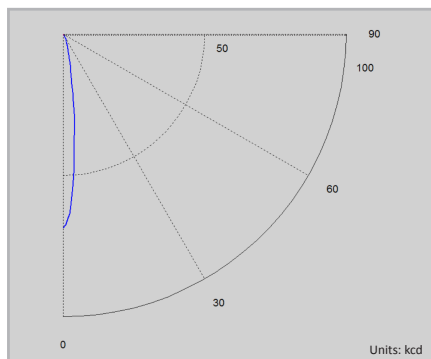
PHOTOMETRIC DATA*



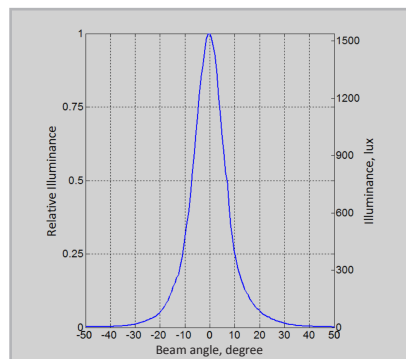
15°	
Blue	
Light output	1500 lm
Power	48 W
Optical efficiency	31 lm/W
Spread angle 50%	15°
Spread angle 10%	35°



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

Distributor:



Phone: 407-857-8770
Fax: 407-857-8771
Email: sales@techni-lux.com

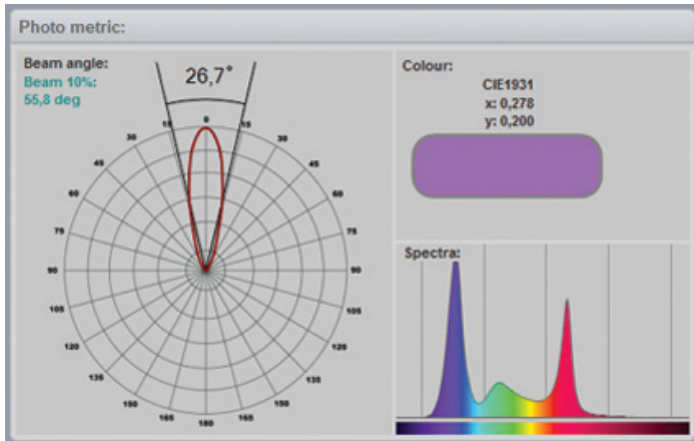
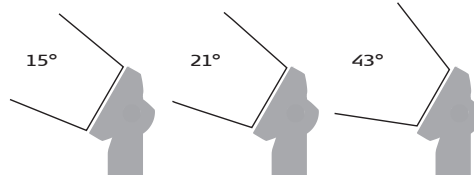
* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

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

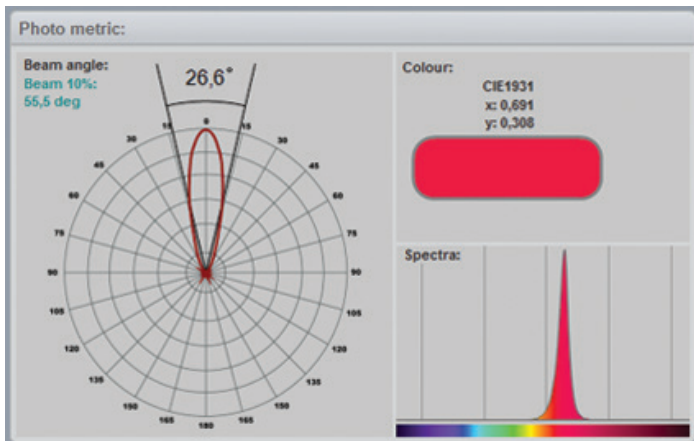
P · 2

PHOTOMETRIC DATA*

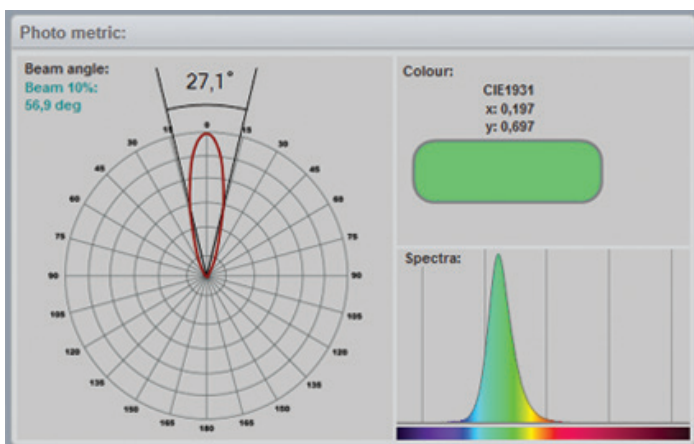
Narrow spread angle of 15°
 Medium spread angle of 21°
 Wide spread angle of 43°



21°
 All LEDs on
 Light output 10000 lm
 Power 200 W
 Optical efficiency 50 lm/W
 Spread angle 50% 27°
 Spread angle 10% 56°



21°
 Red
 Light output 3300 lm
 Power 40 W
 Optical efficiency 83 lm/W
 Spread angle 50% 27°
 Spread angle 10% 56°



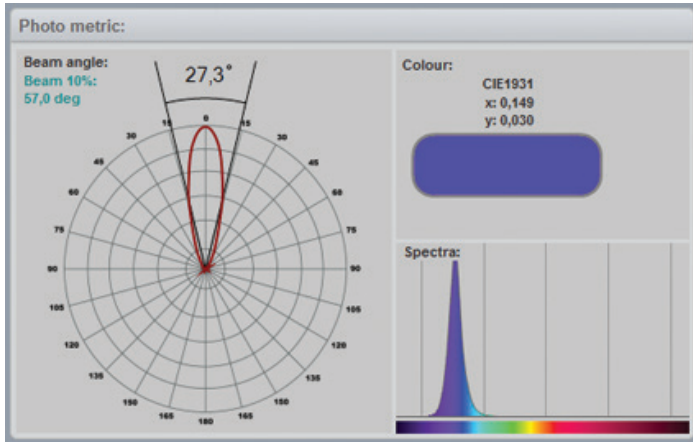
21°
 Green
 Light output 2600 lm
 Power 50 W
 Optical efficiency 52 lm/W
 Spread angle 50% 27°
 Spread angle 10% 57°

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

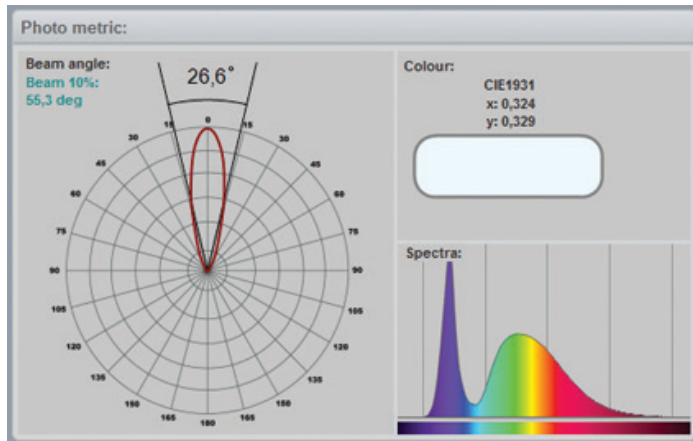
** Measurements is typical values across the range of product line

P · 2

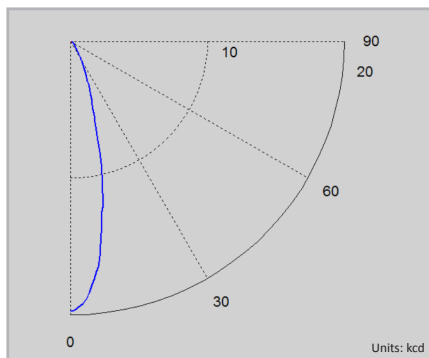
PHOTOMETRIC DATA*



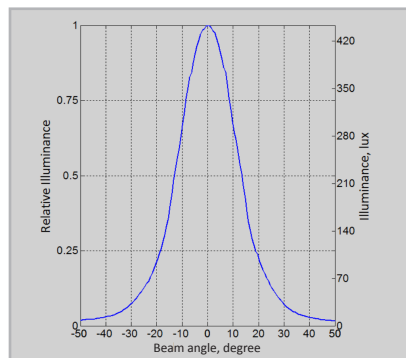
21°	
Blue	
Light output	1600 lm
Power	48 W
Optical efficiency	33 lm/W
Spread angle 50%	27°
Spread angle 10%	57°



21°	
White	
Light output	4500 lm
Power	50 W
Optical efficiency	90 lm/W
Spread angle 50%	27°
Spread angle 10%	55°
CRI	70
CCT	6000 K



21°
Polar Candela Distribution
All LEDs on



21°
Beam Profile
All LEDs on

Distributor:

Techni-Lux
www.techni-lux.com

Phone: 407-857-8770
Fax: 407-857-8771
Email: sales@techni-lux.com

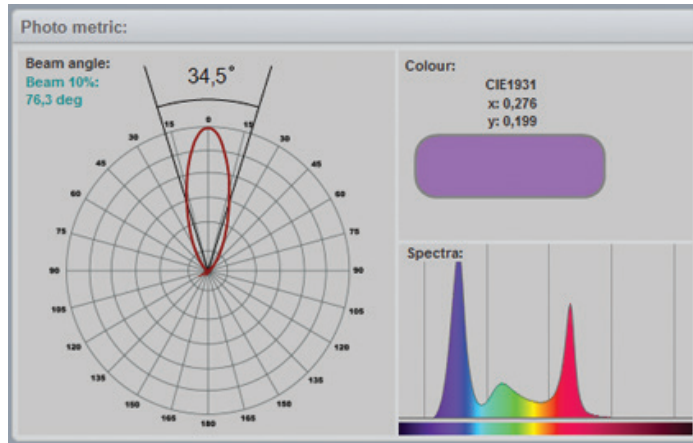
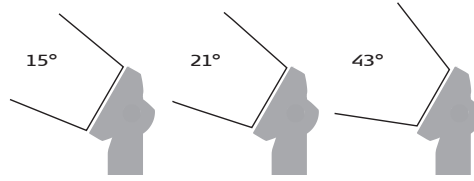
* Goniometer Scan / Ocean optics / Viso Systems Light Spion™

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

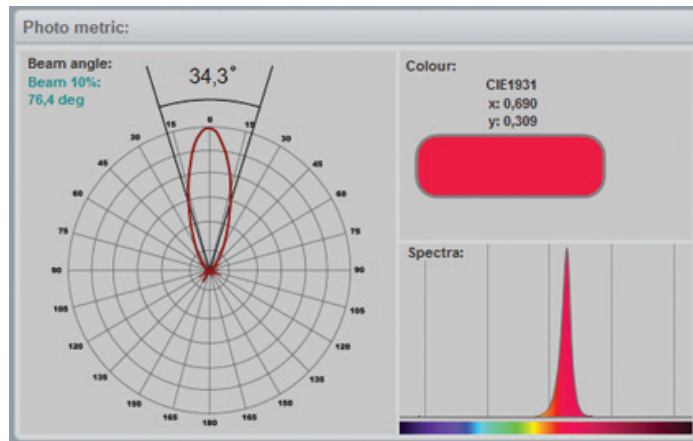
P · 2

PHOTOMETRIC DATA*

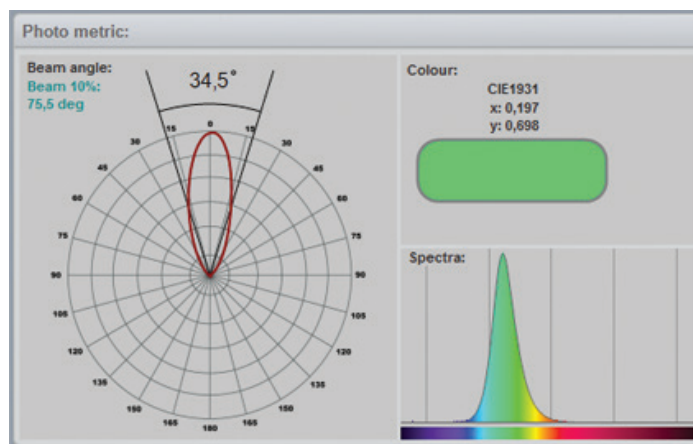
Narrow spread angle of 15°
 Medium spread angle of 21°
 Wide spread angle of 43°



43°
 All LEDs on
 Light output 10100 lm
 Power 200 W
 Optical efficiency 51 lm/W
 Spread angle 50% 35°
 Spread angle 10% 76°



43°
 Red
 Light output 3300 lm
 Power 40 W
 Optical efficiency 83 lm/W
 Spread angle 50% 34°
 Spread angle 10% 77°



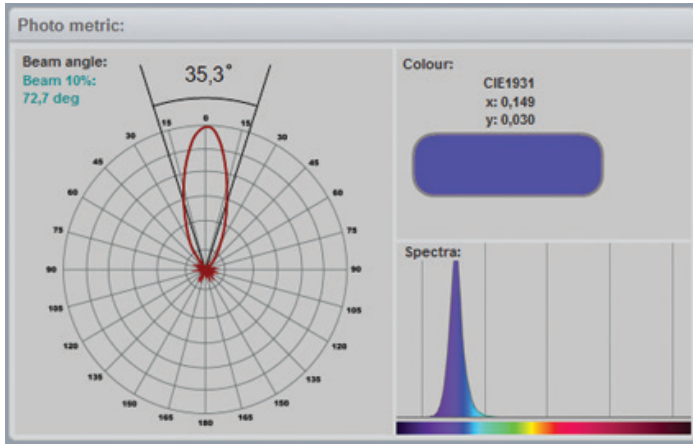
43°
 Green
 Light output 2700 lm
 Power 50 W
 Optical efficiency 54 lm/W
 Spread angle 50% 34°
 Spread angle 10% 75°

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

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

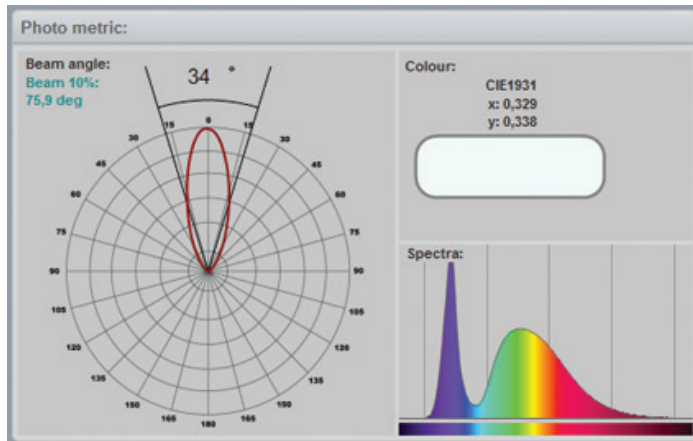
P · 2

PHOTOMETRIC DATA*



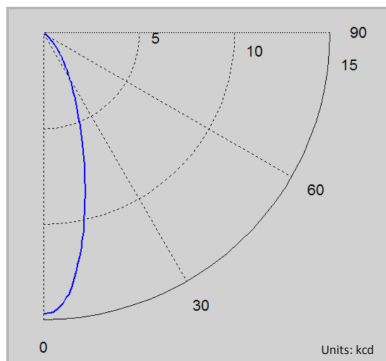
43°

Blue	
Light output	1400 lm
Power	48 W
Optical efficiency	29 lm/W
Spread angle 50%	35°
Spread angle 10%	78°

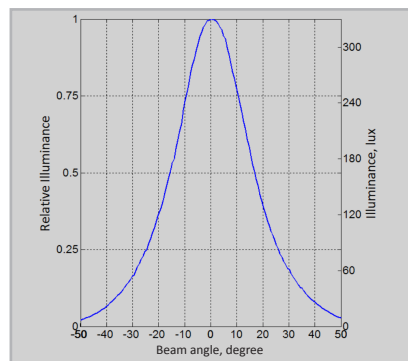


43°

White	
Light output	4600 lm
Power	50 W
Optical efficiency	92 lm/W
Spread angle 50%	34°
Spread angle 10%	75°
CRI	70
CCT	6000 K



43°
Polar Candela Distribution
All LEDs on



43°
Beam Profile
All LEDs on

Distributor:



Phone: 407-857-8770
Fax: 407-857-8771
Email: sales@techni-lux.com

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

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