

Aqua Illumination Sol Blue

H = 30cm

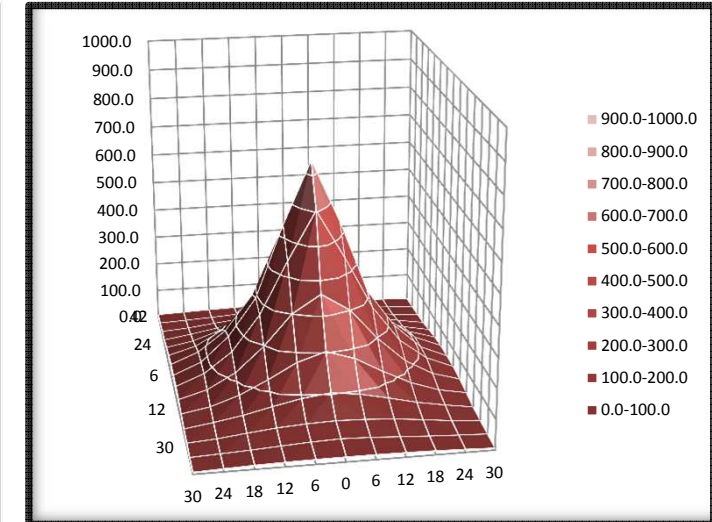
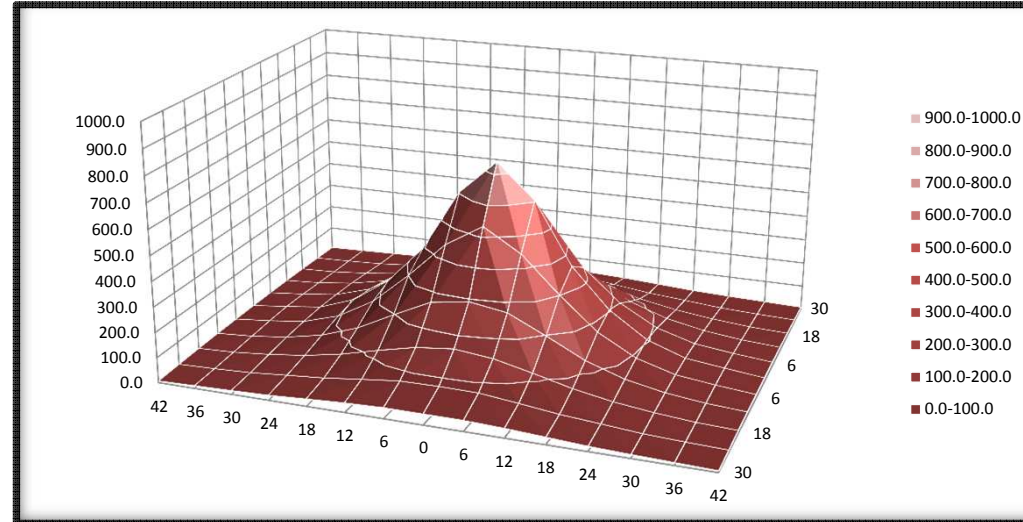
Modul: Aqua Illumination; AI Sol Blue
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 30 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 75 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	6.0	10.0	14.0	19.0	28.0	36.5	42.0	42.0	42.0	36.5	28.0	19.0	14.0	10.0	6.0
24	9.5	14.0	20.5	33.0	45.0	63.0	79.5	81.5	79.5	63.0	45.0	33.0	20.5	14.0	9.5
18	12.5	18.5	31.5	49.5	77.0	114.5	148.5	164.5	148.5	114.5	77.0	49.5	31.5	18.5	12.5
12	14.5	24.0	41.5	71.5	122.5	197.5	268.5	291.5	268.5	197.5	122.5	71.5	41.5	24.0	14.5
6	15.5	29.5	47.5	91.5	174.0	301.5	444.0	534.0	444.0	301.5	174.0	91.5	47.5	29.5	15.5
0	16.0	32.5	50.5	103.5	204.0	360.0	605.0	741.0	605.0	360.0	204.0	103.5	50.5	32.5	16.0
6	15.5	29.5	47.5	91.5	174.0	301.5	444.0	534.0	444.0	301.5	174.0	91.5	47.5	29.5	15.5
12	14.5	24.0	41.5	71.5	122.5	197.5	268.5	291.5	268.5	197.5	122.5	71.5	41.5	24.0	14.5
18	12.5	18.5	31.5	49.5	77.0	114.5	148.5	164.5	148.5	114.5	77.0	49.5	31.5	18.5	12.5
24	9.5	14.0	20.5	33.0	45.0	63.0	79.5	81.5	79.5	63.0	45.0	33.0	20.5	14.0	9.5
30	6.0	10.0	14.0	19.0	28.0	36.5	42.0	42.0	42.0	36.5	28.0	19.0	14.0	10.0	6.0

353.00
 610.50 522.50
 1'068.50 943.50
 1'771.50 1'611.50
 2'741.00 2'556.00
 3'484.00 3'286.00
 2'741.00 2'556.00
 1'771.50 1'611.50
 1'068.50 943.50
 610.50 522.50
 353.00

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 75.0 Watt
 Lux 26'450 lx

x = 0.186
 y = 0.158
 z = 0.656
 Summe 16'573.00 14'553.00
PAR pro Watt 220.97 194.04
PAR im Mittel 100.44 179.67



H = 45cm

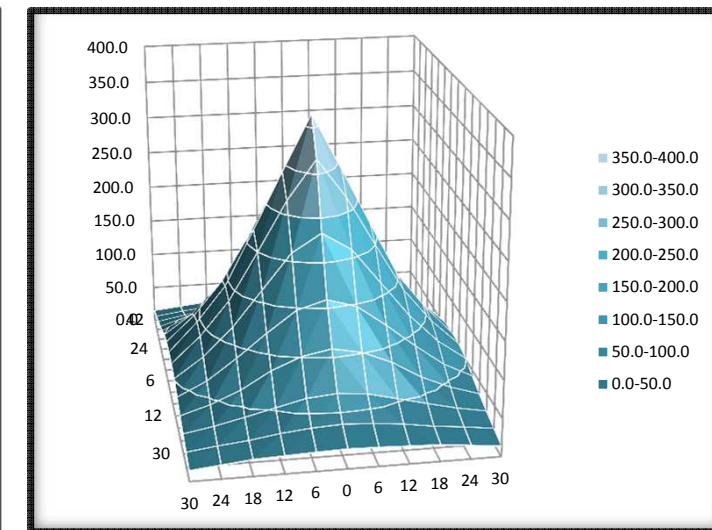
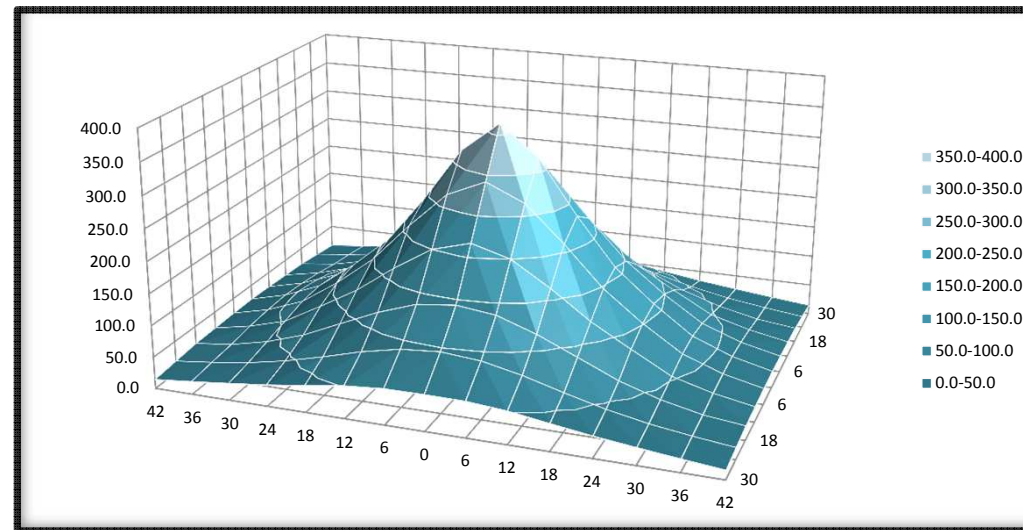
Modul: Aqua Illumination; AI Sol Blue
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 45 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 75 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	14.0	20.0	26.5	33.5	42.0	51.0	56.0	56.5	56.0	51.0	42.0	33.5	26.5	20.0	14.0
24	18.0	25.0	33.5	45.5	61.0	78.0	91.0	96.0	91.0	78.0	61.0	45.5	33.5	25.0	18.0
18	22.0	29.0	42.5	62.0	89.0	115.5	136.5	143.5	136.5	115.5	89.0	62.0	42.5	29.0	22.0
12	23.5	35.0	52.0	85.0	119.5	162.5	200.0	217.0	200.0	162.5	119.5	85.0	52.0	35.0	23.5
6	25.0	39.0	61.5	101.0	147.5	209.5	265.5	292.0	265.5	209.5	147.5	101.0	61.5	39.0	25.0
0	26.0	41.0	65.0	108.5	159.0	233.0	317.0	365.0	317.0	233.0	159.0	108.5	65.0	41.0	26.0
6	25.0	39.0	61.5	101.0	147.5	209.5	265.5	292.0	265.5	209.5	147.5	101.0	61.5	39.0	25.0
12	23.5	35.0	52.0	85.0	119.5	162.5	200.0	217.0	200.0	162.5	119.5	85.0	52.0	35.0	23.5
18	22.0	29.0	42.5	62.0	89.0	115.5	136.5	143.5	136.5	115.5	89.0	62.0	42.5	29.0	22.0
24	18.0	25.0	33.5	45.5	61.0	78.0	91.0	96.0	91.0	78.0	61.0	45.5	33.5	25.0	18.0
30	14.0	20.0	26.5	33.5	42.0	51.0	56.0	56.5	56.0	51.0	42.0	33.5	26.5	20.0	14.0

542.50
 800.00 647.00
 1'136.50 949.50
 1'572.00 1'351.00
 1'990.00 1'739.00
 2'264.00 2'000.00
 1'990.00 1'739.00
 1'572.00 1'351.00
 1'136.50 949.50
 800.00 647.00
 542.50

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 75.0 Watt
 Lux 12'400 lx

x = 0.181
 y = 0.150
 z = 0.167
 Summe 14'346.00 11'373.00
PAR pro Watt 191.28 151.64
PAR im Mittel 86.95 140.41



H = 60 cm

Modul: Aqua Illumination; AI Sol Blue
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 60 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 75 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	19.5	24.5	31.5	38.5	47.0	55.0	62.0	64.5	62.0	55.0	47.0	38.5	31.5	24.5	19.5
24	22.5	30.0	38.5	50.0	64.0	75.5	84.0	86.5	84.0	75.5	64.0	50.0	38.5	30.0	22.5
18	26.0	36.0	48.0	63.5	81.0	96.0	107.5	112.0	107.5	96.0	81.0	63.5	48.0	36.0	26.0
12	30.0	41.5	56.0	77.5	101.0	121.5	143.5	154.5	143.5	121.5	101.0	77.5	56.0	41.5	30.0
6	32.5	45.0	64.0	86.5	112.5	146.0	178.0	186.0	178.0	146.0	112.5	86.5	64.0	45.0	32.5
0	34.0	46.5	66.5	89.5	120.0	158.5	191.0	196.0	191.0	158.5	120.0	89.5	66.5	46.5	34.0
6	32.5	45.0	64.0	86.5	112.5	146.0	178.0	186.0	178.0	146.0	112.5	86.5	64.0	45.0	32.5
12	30.0	41.5	56.0	77.5	101.0	121.5	143.5	154.5	143.5	121.5	101.0	77.5	56.0	41.5	30.0
18	26.0	36.0	48.0	63.5	81.0	96.0	107.5	112.0	107.5	96.0	81.0	63.5	48.0	36.0	26.0
24	22.5	30.0	38.5	50.0	64.0	75.5	84.0	86.5	84.0	75.5	64.0	50.0	38.5	30.0	22.5
30	19.5	24.5	31.5	38.5	47.0	55.0	62.0	64.5	62.0	55.0	47.0	38.5	31.5	24.5	19.5

620.50
 815.50 633.50
 1'028.00 808.00
 1'296.50 1'041.50
 1'515.00 1'232.00
 1'608.00 1'314.00
 1'515.00 1'232.00
 1'296.50 1'041.50
 1'028.00 808.00
 815.50 633.50
 620.50

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 75.0 Watt
 Lux 6'750 lx

x = 0.184
 y = 0.149
 z = 0.667
 Summe 12'159.00 8'744.00
PAR pro Watt 162.12 116.59
PAR im Mittel 73.69 107.95

