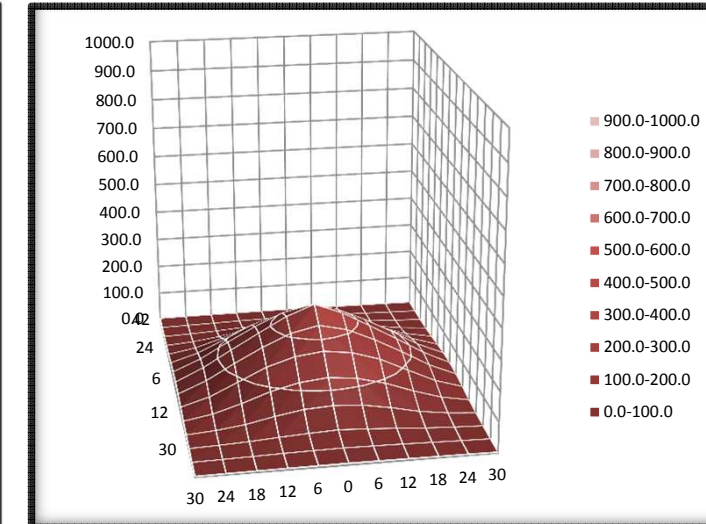
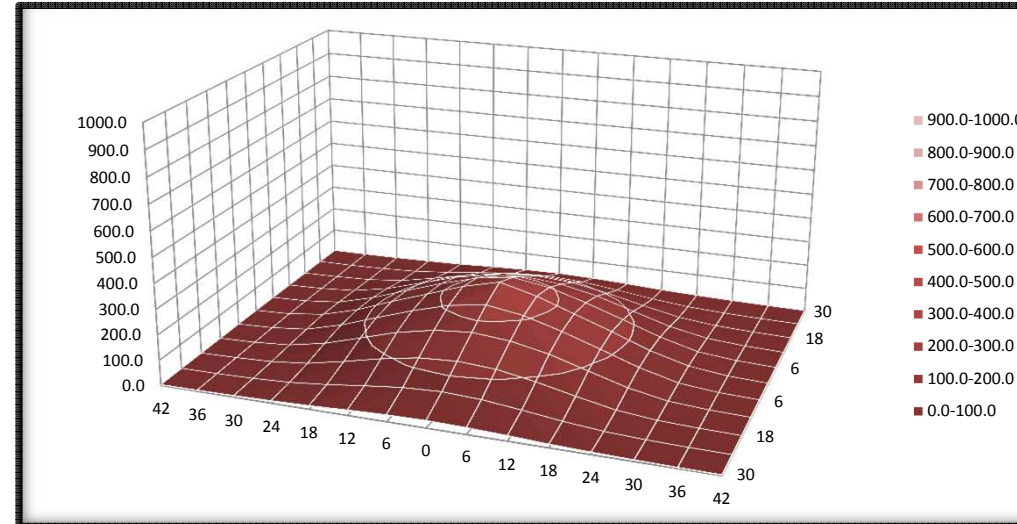


Aqua Illumination Prime

Modul: Aqua Illumination Prime
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: 50 Watt

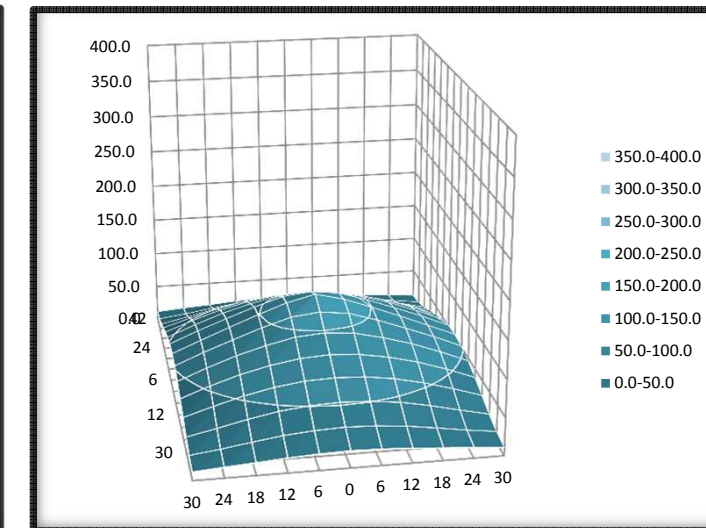
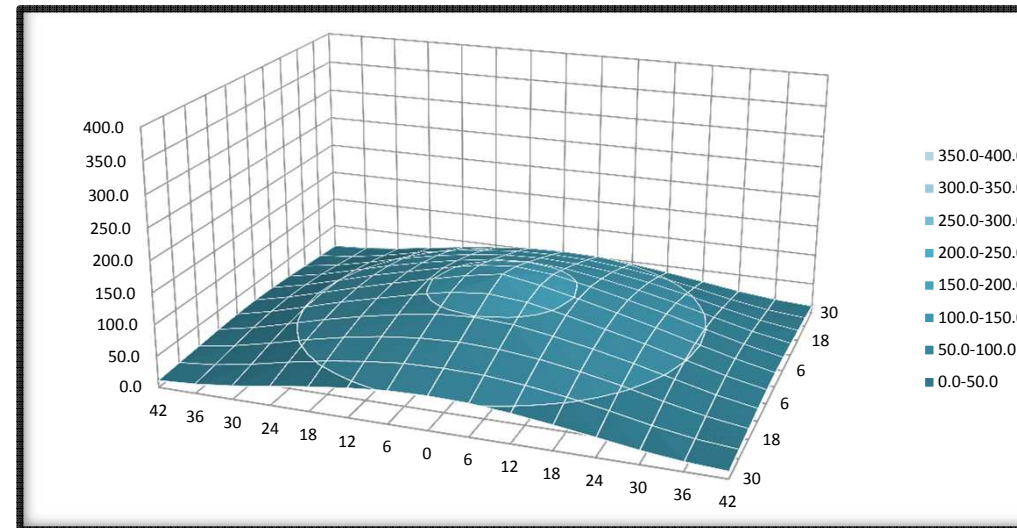
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42							
30	3.0	4.0	6.0	9.0	13.5	20.5	26.0	28.5	26.0	20.5	13.5	9.0	6.0	4.0	3.0	192.50						
24	4.0	5.5	9.0	16.0	30.0	48.5	65.0	72.0	65.0	48.5	30.0	16.0	9.0	5.5	4.0	428.00	391.00					
18	4.5	7.5	13.5	28.5	58.5	91.5	117.5	126.5	117.5	91.5	58.5	28.5	13.5	7.5	4.5	769.50	718.50					
12	5.0	9.5	20.0	48.5	92.0	136.0	166.0	179.0	166.0	136.0	92.0	48.5	20.0	9.5	5.0	1'133.00	1'064.00					
6	5.5	11.0	25.5	64.5	115.5	165.0	207.5	230.0	207.5	165.0	115.5	64.5	25.5	11.0	5.5	1'419.00	1'335.00					
0	6.0	12.0	30.0	70.0	125.5	176.5	228.5	266.0	228.5	176.5	125.5	70.0	30.0	12.0	6.0	1'563.00	1'467.00					
6	5.5	11.0	25.5	64.5	115.5	165.0	207.5	230.0	207.5	165.0	115.5	64.5	25.5	11.0	5.5	1'419.00	1'335.00					
12	5.0	9.5	20.0	48.5	92.0	136.0	166.0	179.0	166.0	136.0	92.0	48.5	20.0	9.5	5.0	1'133.00	1'064.00					
18	4.5	7.5	13.5	28.5	58.5	91.5	117.5	126.5	117.5	91.5	58.5	28.5	13.5	7.5	4.5	769.50	718.50					
24	4.0	5.5	9.0	16.0	30.0	48.5	65.0	72.0	65.0	48.5	30.0	16.0	9.0	5.5	4.0	428.00	391.00					
30	3.0	4.0	6.0	9.0	13.5	20.5	26.0	28.5	26.0	20.5	13.5	9.0	6.0	4.0	3.0	192.50						
Beleuchtungsstärke																100 %	x =	0.219	Summe		9'447.00	8'484.00
Leistungsaufnahme gemessen																47.0 Watt	y =	0.169	PAR pro Watt		201.00	180.51
Lux																8'930 lx	z =	0.611	PAR im Mittel		57.25	104.74



Modul: Aqua Illumination Prime
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: 50 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42							
30	11.0	14.5	21.0	30.0	38.5	46.0	51.5	53.0	51.5	46.0	38.5	30.0	21.0	14.5	11.0	478.00						
24	14.0	19.5	29.5	42.0	53.0	61.5	67.5	69.0	67.5	61.5	53.0	42.0	29.5	19.5	14.0	643.00	517.00					
18	16.5	25.5	38.5	53.0	65.5	75.5	82.0	84.5	82.0	75.5	65.5	53.0	38.5	25.5	16.5	797.50	636.50					
12	19.5	31.0	46.0	61.5	75.0	86.5	96.0	99.5	96.0	86.5	75.0	61.5	46.0	31.0	19.5	930.50	737.50					
6	21.5	34.5	50.5	67.0	81.5	95.5	108.0	113.5	108.0	95.5	81.5	67.0	50.5	34.5	21.5	1'030.50	817.50					
0	22.5	36.0	52.0	68.5	84.0	98.5	112.5	123.0	112.5	98.5	84.0	68.5	52.0	36.0	22.5	1'071.00	850.00					
6	21.5	34.5	50.5	67.0	81.5	95.5	108.0	113.5	108.0	95.5	81.5	67.0	50.5	34.5	21.5	1'030.50	817.50					
12	19.5	31.0	46.0	61.5	75.0	86.5	96.0	99.5	96.0	86.5	75.0	61.5	46.0	31.0	19.5	930.50	737.50					
18	16.5	25.5	38.5	53.0	65.5	75.5	82.0	84.5	82.0	75.5	65.5	53.0	38.5	25.5	16.5	797.50	636.50					
24	14.0	19.5	29.5	42.0	53.0	61.5	67.5	69.0	67.5	61.5	53.0	42.0	29.5	19.5	14.0	643.00	517.00					
30	11.0	14.5	21.0	30.0	38.5	46.0	51.5	53.0	51.5	46.0	38.5	30.0	21.0	14.5	11.0	478.00						
Beleuchtungsstärke																100 %	x =	0.221	Summe		8'830.00	6'267.00
Leistungsaufnahme gemessen																47.0 Watt	y =	0.171	PAR pro Watt		187.87	133.34
Lux																4'110 lx	z =	0.608	PAR im Mittel		53.52	77.37



Modul: Aqua Illumination Prime
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: 50 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42							
30	19.0	24.5	29.5	34.5	39.0	41.5	43.5	44.0	43.5	41.5	39.0	34.5	29.5	24.5	19.0	507.00						
24	23.0	28.5	34.0	39.5	44.0	47.5	49.5	50.0	49.5	47.5	44.0	39.5	34.0	28.5	23.0	582.00	411.00					
18	25.5	32.0	38.0	43.0	48.5	52.5	55.5	56.5	55.5	52.5	48.5	43.0	38.0	32.0	25.5	646.50	455.50					
12	28.5	34.5	40.5	47.0	52.5	57.5	61.0	62.0	61.0	57.5	52.5	47.0	40.5	34.5	28.5	705.00	498.00					
6	29.0	36.0	42.5	49.0	55.0	60.5	66.0	67.5	66.0	60.5	55.0	49.0	42.5	36.0	29.0	743.50	528.50					
0	29.5	36.5	43.5	50.0	56.0	61.5	68.0	71.0	68.0	61.5	56.0	50.0	43.5	36.5	29.0	760.50	542.00					
6	29.0	36.0	42.5	49.0	55.0	60.5	66.0	67.5	66.0	60.5	55.0	49.0	42.5	36.0	29.0	743.50	528.50					
12	28.5	34.5	40.5	47.0	52.5	57.5	61.0	62.0	61.0	57.5	52.5	47.0	40.5	34.5	28.5	705.00	498.00					
18	25.5	32.0	38.0	43.0	48.5	52.5	55.5	56.5	55.5	52.5	48.5	43.0	38.0	32.0	25.5	646.50	455.50					
24	23.0	28.5	34.0	39.5	44.0	47.5	49.5	50.0	49.5	47.5	44.0	39.5	34.0	28.5	23.0	582.00	411.00					
30	19.0	24.5	29.5	34.5	39.0	41.5	43.5	44.0	43.5	41.5	39.0	34.5	29.5	24.5	19.0	507.00						
Beleuchtungsstärke																100 %	x =	0.223	Summe		7'128.50	4'328.00
Leistungsaufnahme gemessen																47.0 Watt	y =	0.173	PAR pro Watt		151.67	92.09
Lux																2'380 lx	z =	0.604	PAR im Mittel		43.20	53.43

