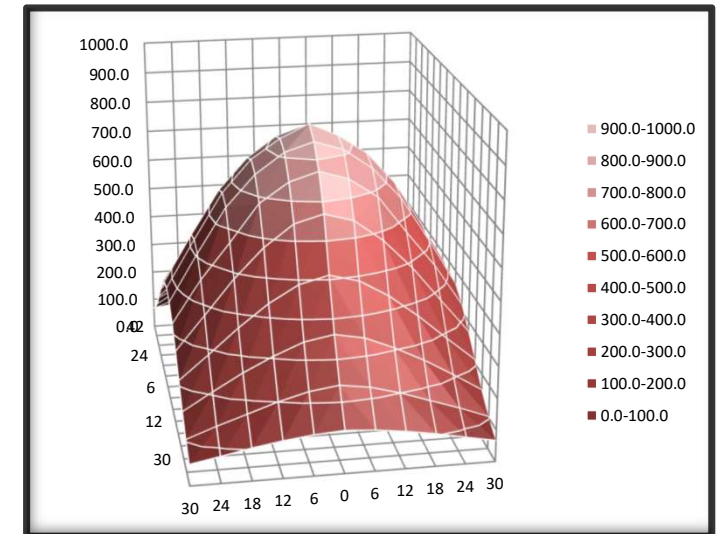
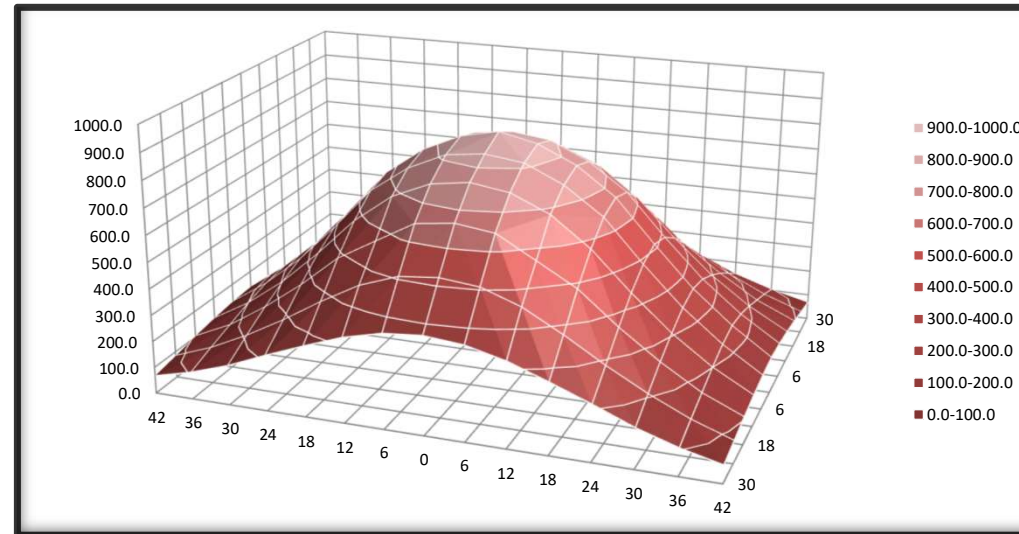


ATI Straton

Modul:	ATI Straton		
Raumtemperatur:	19 Grad Celsius	Raum:	Abgedunkelt
Messinstrument:	kalibriertes Spektrometer	Einheit:	PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul:	30 cm	Leistungsangabe Hersteller:	230 Watt

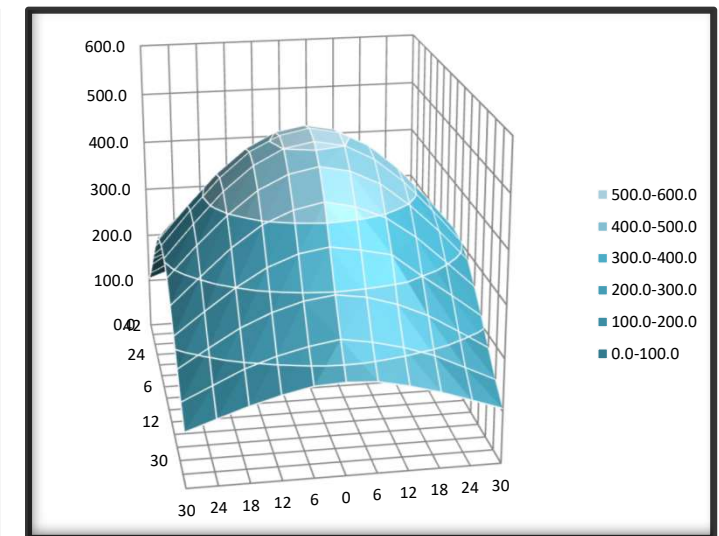
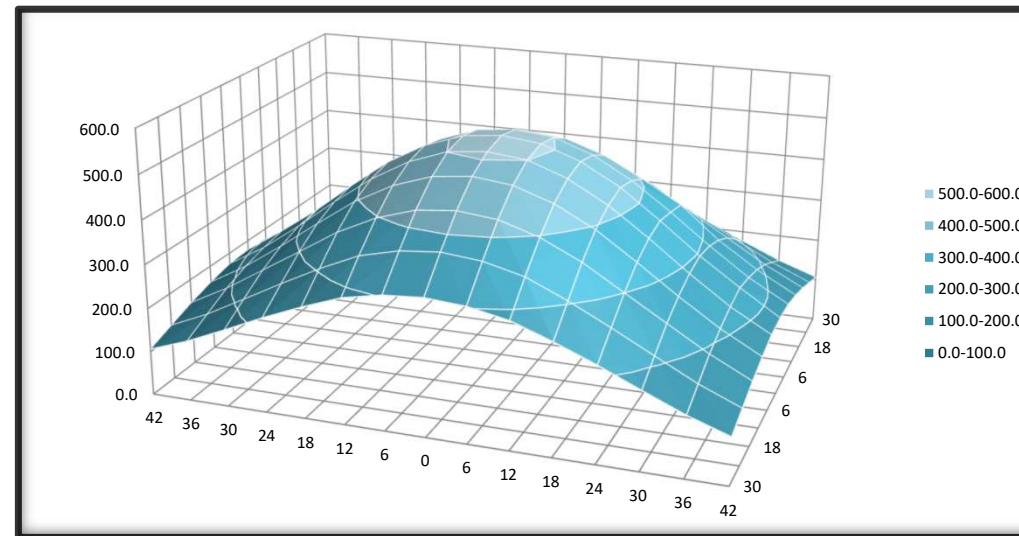
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	67.5	103.5	151.0	211.5	268.0	321.0	357.0	370.0	357.0	321.0	268.0	211.5	151.0	103.5	67.5	3'329.00	
24	85.0	138.0	207.0	287.0	376.0	456.0	508.0	522.5	508.0	456.0	376.0	287.0	207.0	138.0	85.0	4'636.50	3'776.50
18	103.5	169.0	260.0	365.5	485.5	568.0	649.5	668.0	649.5	568.0	485.5	365.5	260.0	169.0	103.5	5'870.00	4'805.00
12	118.5	200.5	305.5	435.0	577.5	685.5	748.0	769.0	748.0	685.5	577.5	435.0	305.5	200.5	118.5	6'910.00	5'661.00
6	130.0	225.5	343.5	488.0	645.0	746.5	812.0	830.0	812.0	746.5	645.0	488.0	343.5	225.5	130.0	7'611.00	6'213.00
0	136.5	238.5	360.5	511.5	675.0	774.5	840.5	872.0	840.5	774.5	675.0	511.5	360.5	238.5	136.5	7'937.00	6'466.00
6	130.0	225.5	343.5	488.0	645.0	746.5	812.0	830.0	812.0	746.5	645.0	488.0	343.5	225.5	130.0	7'611.00	6'213.00
12	118.5	200.5	305.5	435.0	577.5	685.5	748.0	769.5	748.0	685.5	577.5	435.0	305.5	200.5	118.5	6'910.50	5'661.50
18	103.5	169.0	260.0	365.5	485.5	568.0	649.5	668.0	649.5	568.0	485.5	365.5	260.0	169.0	103.5	5'870.00	4'805.00
24	85.0	138.0	207.0	287.0	376.0	456.0	508.0	522.5	508.0	456.0	376.0	287.0	207.0	138.0	85.0	4'636.50	3'776.50
30	67.5	103.5	151.0	211.5	268.0	321.0	357.0	370.0	357.0	321.0	268.0	211.5	151.0	103.5	67.5	3'329.00	
Beleuchtungsstärke					100 %					Summe					64'650.50 47'377.50		
Leistungsaufnahme gemessen					215.0 Watt					PAR pro Watt					300.70 220.36		
Lux					31'600 lx					PAR im Mittel					391.82 584.91		



H = 45cm

Modul:	ATI Straton		
Raumtemperatur:	19 Grad Celsius	Raum:	Abgedunkelt
Messinstrument:	kalibriertes Spektrometer	Einheit:	PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul:	45 cm	Leistungsangabe Hersteller:	230 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42				
30	106.0	137.5	176.0	216.0	252.5	285.0	303.0	309.5	303.0	285.0	252.5	216.0	176.0	137.5	106.0	3'261.50			
24	126.0	164.5	211.5	259.0	304.5	344.5	366.5	375.0	366.5	344.5	304.5	259.0	211.5	164.5	126.0	3'928.00	2'924.00		
18	145.5	191.5	245.5	300.0	355.0	397.5	425.5	434.5	425.5	397.5	355.0	300.0	245.5	191.5	145.5	4'555.50	3'390.50		
12	161.5	211.0	270.5	334.0	395.0	441.5	471.5	481.5	471.5	441.5	395.0	334.0	270.5	211.0	161.5	5'051.50	3'765.50		
6	174.0	225.0	288.0	356.0	419.0	468.5	500.5	509.5	500.5	468.5	419.0	356.0	288.0	225.0	174.0	5'371.50	3'997.50		
0	177.0	234.5	296.0	365.5	431.0	480.0	511.0	521.0	511.0	480.0	431.0	365.5	296.0	234.5	177.0	5'511.00	4'096.00		
6	174.0	225.0	288.0	356.0	419.0	468.5	500.5	509.5	500.5	468.5	419.0	356.0	288.0	225.0	174.0	5'371.50	3'997.50		
12	161.5	211.0	270.5	344.0	395.0	441.5	471.5	481.5	471.5	441.5	395.0	344.0	270.5	211.0	161.5	5'071.50	3'785.50		
18	145.5	191.5	245.5	300.0	355.0	397.5	425.5	434.5	425.5	397.5	355.0	300.0	245.5	191.5	145.5	4'555.50	3'390.50		
24	126.0	164.5	211.5	259.0	304.5	344.5	366.5	375.0	366.5	344.5	304.5	259.0	211.5	164.5	126.0	3'928.00	2'924.00		
30	106.0	137.5	176.0	216.0	252.5	285.0	303.0	309.5	303.0	285.0	252.5	216.0	176.0	137.5	106.0	3'261.50			
Beleuchtungsstärke						100 %						Summe						49'867.00	32'271.00
Leistungsaufnahme gemessen						215.0 Watt						PAR pro Watt						231.94	150.10
Lux						18'296 lx						PAR im Mittel						302.22	398.41



H = 60 cm

Modul:	ATI Straton		
Raumtemperatur:	19 Grad Celsius	Raum:	Abgedunkelt
Messinstrument:	kalibriertes Spektrometer	Einheit:	PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul:	60 cm	Leistungsangabe Hersteller:	171 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42				
30	123.0	143.5	168.0	190.5	210.5	226.0	235.0	238.5	235.0	226.0	210.5	190.5	168.0	143.5	123.0	2'831.50			
24	137.0	162.0	188.0	211.0	234.0	251.5	262.0	265.5	262.0	251.5	234.0	211.0	188.0	162.0	137.0	3'156.50	2'182.50		
18	149.0	176.0	204.0	232.0	255.0	274.5	286.5	290.0	286.5	274.5	255.0	232.0	204.0	176.0	149.0	3'444.00	2'386.00		
12	159.0	187.0	216.0	245.0	272.0	293.0	305.0	310.0	305.0	293.0	272.0	245.0	216.0	187.0	159.0	3'664.00	2'540.00		
6	165.5	195.0	226.5	255.0	281.5	304.0	317.0	322.5	317.0	304.0	281.5	255.0	226.5	195.0	165.5	3'811.50	2'637.50		
0	168.5	197.0	228.0	258.5	287.0	308.0	321.0	327.0	321.0	308.0	287.0	258.5	228.0	197.0	168.5	3'863.00	2'676.00		
6	165.5	195.0	226.5	255.0	281.5	304.0	317.0	322.5	317.0	304.0	281.5	255.0	226.5	195.0	165.5	3'811.50	2'637.50		
12	159.0	187.0	216.0	245.0	272.0	293.0	305.0	310.0	305.0	293.0	272.0	245.0	216.0	187.0	159.0	3'664.00	2'540.00		
18	149.0	176.0	204.0	232.0	255.0	274.5	286.5	290.0	286.5	274.5	255.0	232.0	204.0	176.0	149.0	3'444.00	2'386.00		
24	137.0	162.0	188.0	211.0	234.0	251.5	262.0	265.5	262.0	251.5	234.0	211.0	188.0	162.0	137.0	3'156.50	2'182.50		
30	123.0	143.5	168.0	190.5	210.5	226.0	235.0	238.5	235.0	226.0	210.5	190.5	168.0	143.5	123.0	2'831.50			
Beleuchtungsstärke						100 %						Summe						37'678.00	22'168.00
Leistungsaufnahme gemessen						215.0 Watt						PAR pro Watt						175.25	103.11
Lux						11'462 lx						PAR im Mittel						228.35	273.68

