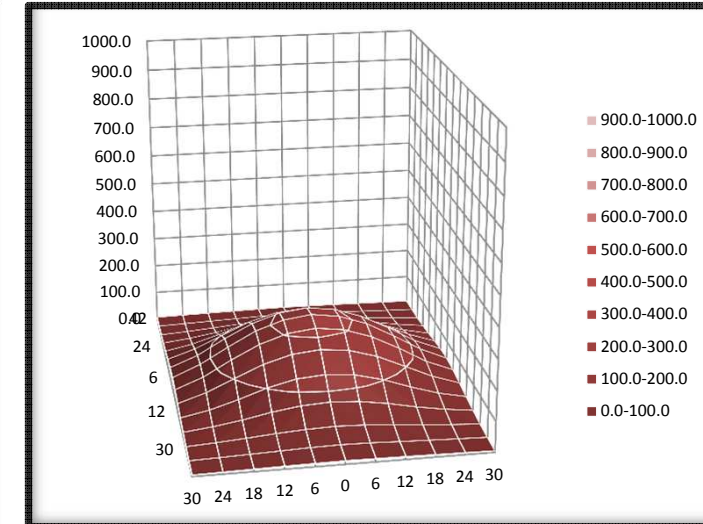
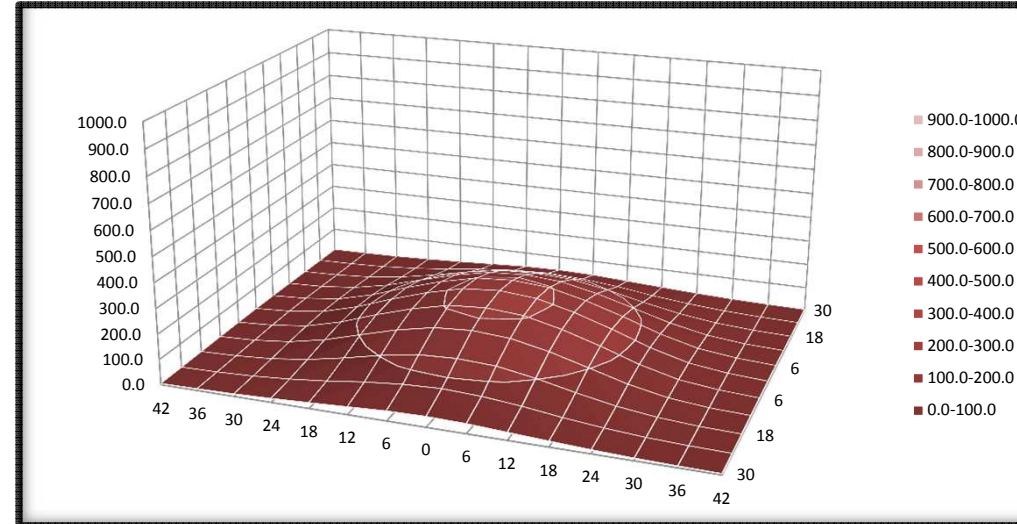


Kelo AO 100

H = 30cm

Modul: Kelo AO 100
 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: 98 Watt

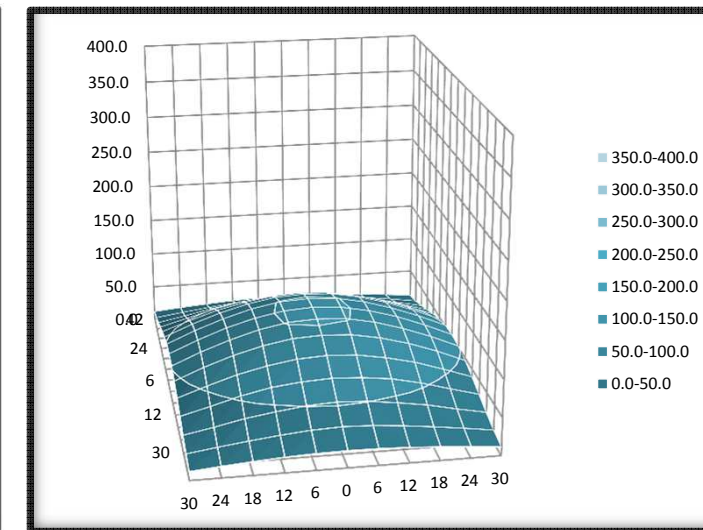
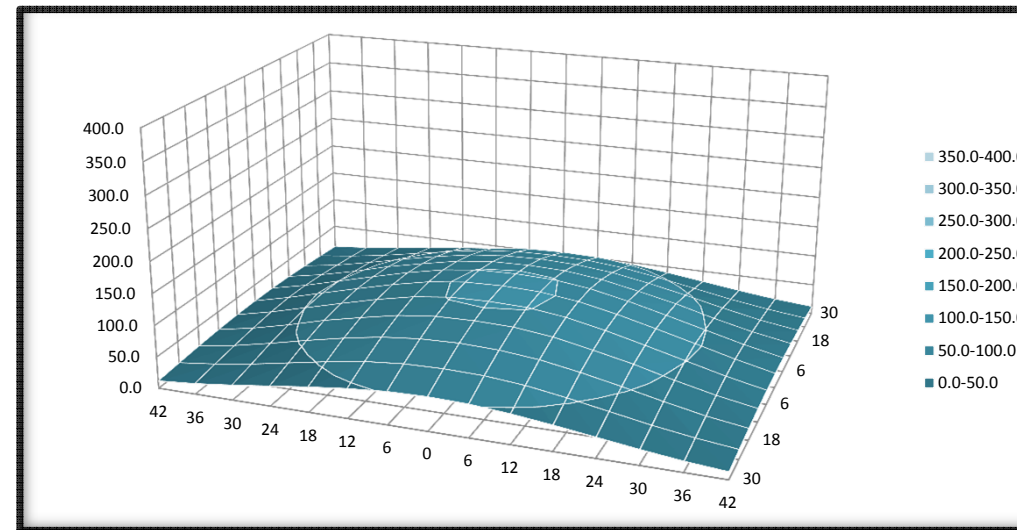
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42						
30	4.5	6.5	9.5	15.0	22.0	30.0	38.0	41.0	38.0	30.0	22.0	15.0	9.5	6.5	4.5	292.00					
24	6.0	9.0	15.0	26.0	41.0	60.5	74.5	81.0	74.5	60.5	41.0	26.0	15.0	9.0	6.0	545.00	485.00				
18	7.5	12.0	22.0	41.0	69.5	102.0	127.0	134.0	127.0	102.0	69.5	41.0	22.0	12.0	7.5	896.00	813.00				
12	9.0	15.0	30.0	60.0	102.0	143.0	173.5	183.5	173.5	143.0	102.0	60.0	30.0	15.0	9.0	1'248.50	1'140.50				
6	10.0	18.5	36.0	74.0	125.0	170.0	204.5	215.0	204.5	170.0	125.0	74.0	36.0	18.5	10.0	1'491.00	1'362.00				
0	11.0	20.0	39.0	79.5	132.5	179.5	216.0	228.0	216.0	179.5	132.5	79.5	39.0	20.0	11.0	1'583.00	1'443.00				
6	10.0	18.5	36.0	74.0	125.0	170.0	204.5	215.0	204.5	170.0	125.0	74.0	36.0	18.5	10.0	1'491.00	1'362.00				
12	9.0	15.0	30.0	60.0	102.0	143.0	173.5	183.5	173.5	143.0	102.0	60.0	30.0	15.0	9.0	1'248.50	1'140.50				
18	7.5	12.0	22.0	41.0	69.5	102.0	127.0	134.0	127.0	102.0	69.5	41.0	22.0	12.0	7.5	896.00	813.00				
24	6.0	9.0	15.0	26.0	41.0	60.5	74.5	81.0	74.5	60.5	41.0	26.0	15.0	9.0	6.0	545.00	485.00				
30	4.5	6.5	9.5	15.0	22.0	30.0	38.0	41.0	38.0	30.0	22.0	15.0	9.5	6.5	4.5	292.00					
Beleuchtungsstärke																100 %	x =	0.171	Summe	10'528.00	9'044.00
Leistungsaufnahme gemessen																81.0 Watt	y =	0.134	PAR pro Watt	129.98	111.65
Lux																6'200 lx	z =	0.695	PAR im Mittel	63.81	111.65



H = 45cm

Modul: Kelo AO 100
 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: 98 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42						
30	11.5	16.5	23.5	31.5	39.5	46.5	51.5	53.0	51.5	46.5	39.5	31.5	23.5	16.5	11.5	494.00					
24	15.0	22.0	31.0	42.0	53.0	62.5	68.0	69.5	68.0	62.5	53.0	42.0	31.0	22.0	15.0	656.50	520.50				
18	18.0	27.0	39.5	53.0	65.5	76.0	82.0	84.0	82.0	76.0	65.5	53.0	39.5	27.0	18.0	806.00	637.00				
12	20.5	31.5	45.5	61.5	74.5	86.5	93.5	95.0	93.5	86.5	74.5	61.5	45.5	31.5	20.5	922.00	727.00				
6	22.0	35.0	50.5	66.0	81.0	93.5	101.0	102.5	101.0	93.5	81.0	66.0	50.5	35.0	22.0	1'000.50	785.50				
0	22.5	36.5	52.5	68.0	83.0	95.5	103.0	105.0	103.0	95.5	83.0	68.0	52.5	36.5	22.5	1'027.00	804.00				
6	22.0	35.0	50.5	66.0	81.0	93.5	101.0	102.5	101.0	93.5	81.0	66.0	50.5	35.0	22.0	1'000.50	785.50				
12	20.5	31.5	45.5	61.5	74.5	86.5	93.5	95.0	93.5	86.5	74.5	61.5	45.5	31.5	20.5	922.00	727.00				
18	18.0	27.0	39.5	53.0	65.5	76.0	82.0	84.0	82.0	76.0	65.5	53.0	39.5	27.0	18.0	806.00	637.00				
24	15.0	22.0	31.0	42.0	53.0	62.5	68.0	69.5	68.0	62.5	53.0	42.0	31.0	22.0	15.0	656.50	520.50				
30	11.5	16.5	23.5	31.5	39.5	46.5	51.5	53.0	51.5	46.5	39.5	31.5	23.5	16.5	11.5	494.00					
Beleuchtungsstärke																100 %	x =	0.172	Summe	8'785.00	6'144.00
Leistungsaufnahme gemessen																81.0 Watt	y =	0.134	PAR pro Watt	108.46	75.85
Lux																2'850 lx	z =	0.694	PAR im Mittel	53.24	75.85



H = 60 cm

Modul: Kelo AO 100
 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: 98 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42						
30	18.0	22.5	27.5	32.5	37.0	40.0	42.0	42.5	42.0	40.0	37.0	32.5	27.5	22.5	18.0	481.50					
24	21.0	26.5	32.0	37.5	42.5	46.0	47.5	49.0	47.5	46.0	42.5	37.5	32.0	26.5	21.0	555.00	396.00				
18	24.0	30.0	35.5	41.5	47.0	51.5	53.0	54.5	53.0	51.5	47.0	41.5	35.5	30.0	24.0	619.50	440.50				
12	26.0	33.0	39.0	45.5	51.0	55.0	57.5	57.5	55.0	51.0	45.5	39.0	33.0	26.0		671.50	475.50				
6	28.0	35.0	41.0	47.0	52.5	56.5	59.0	59.5	59.0	56.5	52.5	47.0	41.0	35.0	28.0	697.50	489.50				
0	29.0	36.0	42.0	48.0	54.0	58.0	60.0	61.0	60.0	58.0	54.0	48.0	42.0	36.0	29.0	715.00	501.00				
6	28.0	35.0	41.0	47.0	52.5	56.5	59.0	59.5	59.0	56.5	52.5	47.0	41.0	35.0	28.0	694.50	486.50				
12	26.0	33.0	39.0	45.5	51.0	55.0	57.5	57.5	55.0	51.0	45.5	39.0	33.0	26.0		671.50	475.50				
18	24.0	30.0	35.5	41.5	47.0	51.5	53.0	54.5	53.0	51.5	47.0	41.5	35.5	30.0	24.0	619.50	440.50				
24	21.0	26.5	32.0	37.5	42.5	46.0	47.5	49.0	47.5	46.0	42.5	37.5	32.0	26.5	21.0	555.00	396.00				
30	18.0	22.5	27.5	32.5	37.0	40.0	42.0	42.5	42.0	40.0	37.0	32.5	27.5	22.5	18.0	481.50					
Beleuchtungsstärke																100 %	x =	0.173	Summe	6'762.00	4'101.00
Leistungsaufnahme gemessen																81.0 Watt	y =	0.135	PAR pro Watt	83.48	50.63
Lux																1'670 lx	z =	0.691	PAR im Mittel	40.98	50.63

