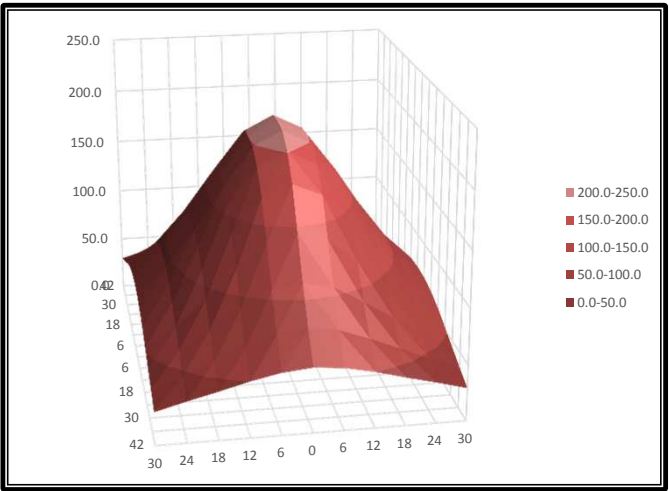
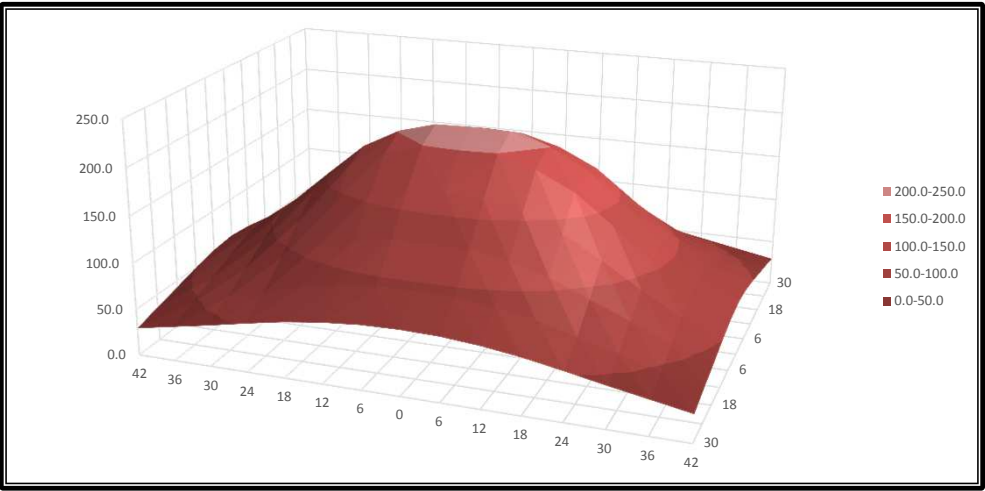
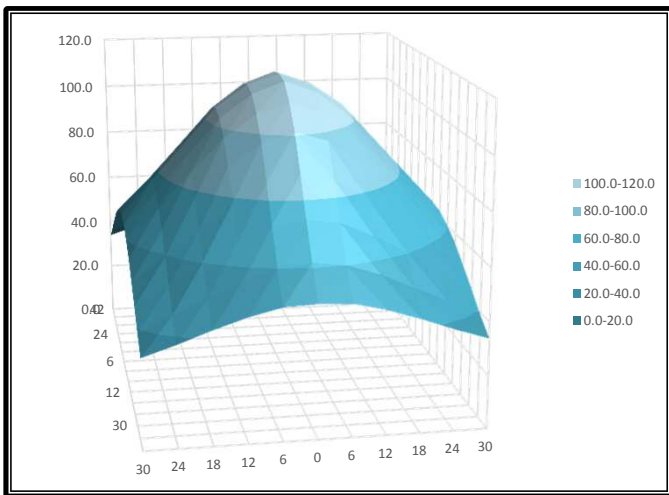
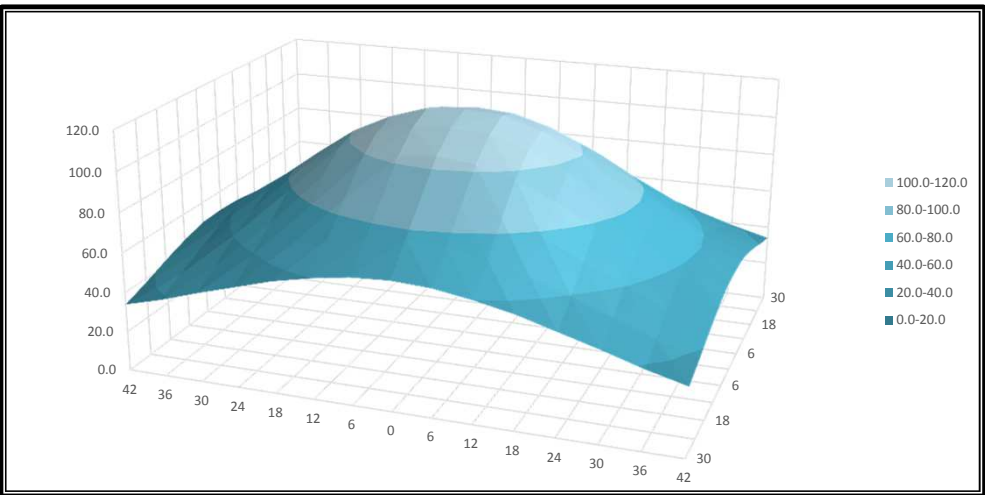


aquaBAR 60+

Modul:		aquaBAR 60+																	
Raumtemperatur:		19 Grad Celsius														Raum: Abgedunkelt			
Messinstrument:		kalibriertes Spektrometer														Einheit: PAR in µmol/m²/sec			
Abstand von Sensor bis uk Modul:		30 cm														Leistungsangabe Hersteller: 60 Watt			
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42				
30	29.5	37.0	44.5	52.5	60.0	65.5	69.0	70.0	69.0	65.5	60.0	52.5	44.5	37.0	29.5	786.00			
24	36.5	47.0	59.0	69.5	81.0	89.0	93.5	94.0	93.5	89.0	81.0	69.5	59.0	47.0	36.5	1'045.00	760.00		
18	43.0	58.0	75.0	91.5	109.0	120.5	127.5	127.5	127.5	120.5	109.0	91.5	75.0	58.0	43.0	1'376.50	1'024.50		
12	50.0	68.5	91.0	116.5	139.5	155.5	165.0	167.5	165.0	155.5	139.5	116.5	91.0	68.5	50.0	1'739.50	1'320.50		
6	55.5	78.0	106.0	138.0	169.0	188.0	199.0	200.5	199.0	188.0	169.0	138.0	106.0	78.0	55.5	2'067.50	1'588.50		
0	58.0	81.5	111.0	146.0	180.0	201.0	212.0	213.0	212.0	201.0	180.0	146.0	111.0	81.5	58.0	2'192.00	1'691.00		
6	55.5	78.0	106.0	138.0	169.0	188.0	199.0	200.5	199.0	188.0	169.0	138.0	106.0	78.0	55.5	2'067.50	1'588.50		
12	50.0	68.5	91.0	116.5	139.5	155.5	165.0	167.0	165.0	155.5	139.5	116.5	91.0	68.5	50.0	1'739.00	1'320.00		
18	43.0	58.0	75.0	91.5	109.0	120.5	127.5	127.5	127.5	120.5	109.0	91.5	75.0	58.0	43.0	1'376.50	1'024.50		
24	36.5	47.0	59.0	69.5	81.0	89.0	93.5	94.0	93.5	89.0	81.0	69.5	59.0	47.0	36.5	1'045.00	760.00		
30	29.5	37.0	44.5	52.5	60.0	65.5	69.0	70.0	69.0	65.5	60.0	52.5	44.5	37.0	29.5	786.00			
Beleuchtungsstärke		100 %														Summe		16'220.50	11'077.50
Leistungsaufnahme gemessen		68.0 Watt														PAR pro Watt		238.54	162.90
Lux		7'576 lux														PAR im Mittel		98.31	136.76



Modul:		aquaBAR 60+															
Raumtemperatur:		19 Grad Celsius										Raum:		Abgedunkelt			
Messinstrument:		kalibriertes Spektrometer										Einheit:		PAR in µmol/m²/sec			
Abstand von Sensor bis uk Modul:		45 cm										Leistungsangabe Hersteller:		60 Watt			
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	34.0	39.0	45.0	50.5	56.0	60.0	63.0	64.0	63.0	60.0	56.0	50.5	45.0	39.0	34.0	759.00	
24	38.0	45.0	52.0	59.5	66.5	72.0	75.5	77.5	75.5	72.0	66.5	59.5	52.0	45.0	38.0	894.50	624.50
18	42.5	50.5	60.5	69.0	78.0	85.0	89.0	91.0	89.0	85.0	78.0	69.0	60.5	50.5	42.5	1'040.00	733.00
12	46.5	56.0	67.0	78.5	89.0	97.5	102.5	104.5	102.5	97.5	89.0	78.5	67.0	56.0	46.5	1'178.50	839.50
6	49.5	60.0	72.5	85.5	97.5	106.0	111.5	113.0	111.5	106.0	97.5	85.5	72.5	60.0	49.5	1'278.00	914.00
0	50.0	61.5	74.0	88.0	101.0	110.0	116.0	117.0	116.0	110.0	101.0	88.0	74.0	61.5	50.0	1'318.00	947.00
6	49.5	60.0	72.5	85.5	97.5	106.0	111.5	113.0	111.5	106.0	97.5	85.5	72.5	60.0	49.5	1'278.00	914.00
12	46.5	56.0	67.0	78.5	89.0	97.5	102.5	104.5	102.5	97.5	89.0	78.5	67.0	56.0	46.5	1'178.50	839.50
18	42.5	50.5	60.5	69.0	78.0	85.0	89.0	91.0	89.0	85.0	78.0	69.0	60.5	50.5	42.5	1'040.00	733.00
24	38.0	45.0	52.0	59.5	66.5	72.0	75.5	77.5	75.5	72.0	66.5	59.5	52.0	45.0	38.0	894.50	624.50
30	34.0	39.0	45.0	50.5	56.0	60.0	63.0	64.0	63.0	60.0	56.0	50.5	45.0	39.0	34.0	759.00	
Beleuchtungsstärke		100 %										Summe		11'618.00		7'169.00	
Leistungsaufnahme gemessen		68.0 Watt										PAR pro Watt		170.85		105.43	
Lux		4'100 lux										PAR im Mittel		70.41		88.51	



Modul:		aquaBAR 60+															
Raumtemperatur:		19 Grad Celsius										Raum: Abgedunkelt					
Messinstrument:		kalibriertes Spektrometer										Einheit: PAR in µmol/m²/sec					
Abstand von Sensor bis uk Modul:		60 cm										Leistungsangabe Hersteller: 60 Watt					
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	32.0	35.5	39.0	43.0	46.5	49.0	50.5	51.0	50.5	49.0	46.5	43.0	39.0	35.5	32.0	642.00	
24	34.5	38.5	43.0	47.5	52.0	55.0	57.0	57.5	57.0	55.0	52.0	47.5	43.0	38.5	34.5	712.50	480.50
18	37.0	42.0	47.0	52.0	57.0	60.5	62.5	63.0	62.5	60.5	57.0	52.0	47.0	42.0	37.0	779.00	527.00
12	38.5	44.5	50.5	56.0	61.0	65.0	67.5	68.5	67.5	65.0	61.0	56.0	50.5	44.5	38.5	834.50	567.50
6	40.5	46.5	52.5	58.5	64.5	69.0	71.5	72.0	71.5	69.0	64.5	58.5	52.5	46.5	40.5	878.00	599.00
0	41.0	47.0	52.5	59.5	66.0	70.0	73.0	73.0	73.0	70.0	66.0	59.5	52.5	47.0	41.0	891.00	610.00
6	40.5	46.5	52.5	58.5	64.5	69.0	71.5	72.0	71.5	69.0	64.5	58.5	52.5	46.5	40.5	878.00	599.00
12	38.5	44.5	50.5	56.0	61.0	65.0	67.5	68.5	67.5	65.0	61.0	56.0	50.5	44.5	38.5	834.50	567.50
18	37.0	42.0	47.0	52.0	57.0	60.5	62.5	63.0	62.5	60.5	57.0	52.0	47.0	42.0	37.0	779.00	527.00
24	34.5	38.5	43.0	47.5	52.0	55.0	57.0	57.5	57.0	55.0	52.0	47.5	43.0	38.5	34.5	712.50	480.50
30	32.0	35.5	39.0	43.0	46.5	49.0	50.5	51.0	50.5	49.0	46.5	43.0	39.0	35.5	32.0	642.00	
Beleuchtungsstärke		100 %										Summe		8'583.00		4'958.00	
Leistungsaufnahme gemessen		68.0 Watt										PAR pro Watt		126.22		72.91	
Lux		2'564 lx										PAR im Mittel		52.02		61.21	

