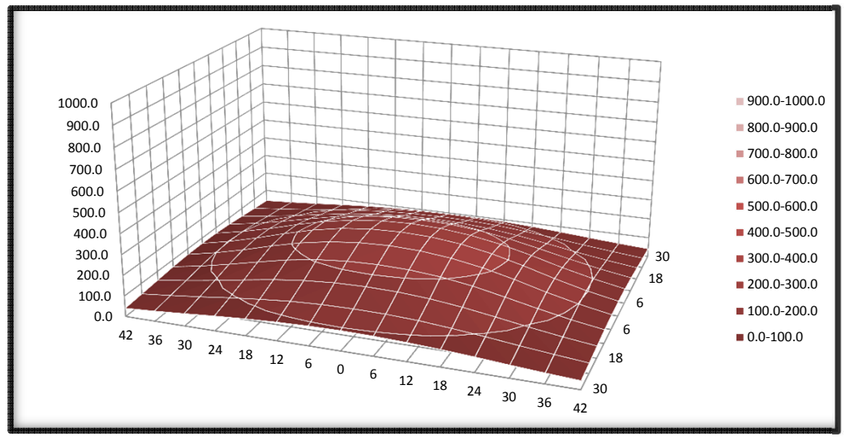
Aqua Sanrise A005-60 - ohne Linsen

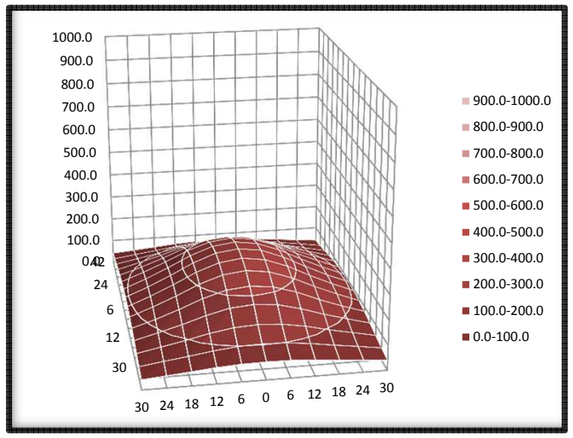
H = 30cm

Modul: **Aqua Sanrise A005-60**
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: 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	39.5	48.5	59.0	70.5	80.5	88.0	93.0	95.0	93.0	88.0	80.5	70.5	59.0	48.5	39.5	1'053.00	
24	47.5	62.0	77.5	95.0	110.0	123.0	130.0	132.0	130.0	123.0	110.0	95.0	77.5	62.0	47.5	1'422.00	1'048.00
18	56.0	74.5	96.5	121.0	144.0	161.5	172.0	175.0	172.0	161.5	144.0	121.0	96.5	74.5	56.0	1'826.00	1'372.00
12	64.5	88.5	118.5	151.0	182.0	204.5	217.5	221.5	217.5	204.5	182.0	151.0	118.5	88.5	64.5	2'274.50	1'731.50
6	70.0	99.0	134.0	174.5	210.0	236.0	251.5	257.0	251.5	236.0	210.0	174.5	134.0	99.0	70.0	2'607.00	2'001.00
0	71.5	101.5	139.5	182.0	220.0	248.0	264.0	269.0	264.0	248.0	220.0	182.0	139.5	101.5	71.5	2'722.00	2'097.00
6	70.0	99.0	134.0	174.5	210.0	236.0	251.5	257.0	251.5	236.0	210.0	174.5	134.0	99.0	70.0	2'607.00	2'001.00
12	64.5	88.5	118.5	151.0	182.0	204.5	217.5	221.5	217.5	204.5	182.0	151.0	118.5	88.5	64.5	2'274.50	1'731.50
18	56.0	74.5	96.5	121.0	144.0	161.5	172.0	175.0	172.0	161.5	144.0	121.0	96.5	74.5	56.0	1'826.00	1'372.00
24	47.5	62.0	77.5	95.0	110.0	123.0	130.0	132.0	130.0	123.0	110.0	95.0	77.5	62.0	47.5	1'422.00	1'048.00
30	39.5	48.5	59.0	70.5	80.5	88.0	93.0	95.0	93.0	88.0	80.5	70.5	59.0	48.5	39.5	1'053.00	

Beleuchtungsstärke	100 %	x =	0.233	Summe	21'087.00	14'402.00
Leistungsaufnahme gemessen	142.0 Watt	y =	0.168	**PAR pro Watt**	**148.50**	**101.42**
Lux	11'080 lx	z =	0.599	**PAR im Mittel**	**127.80**	**177.80**



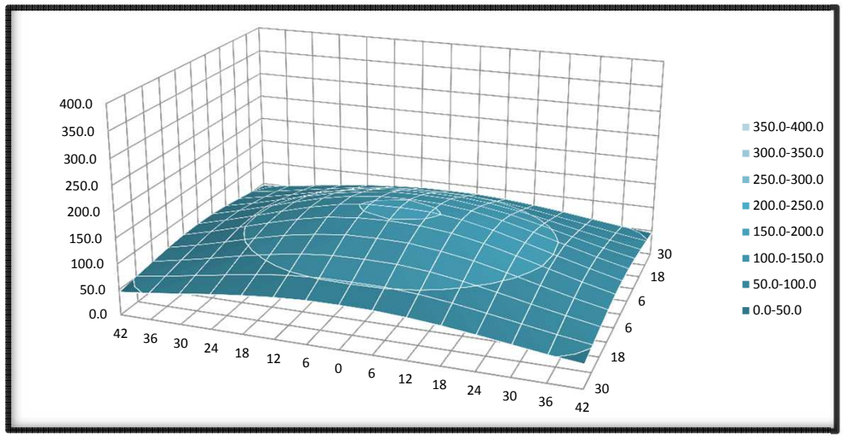


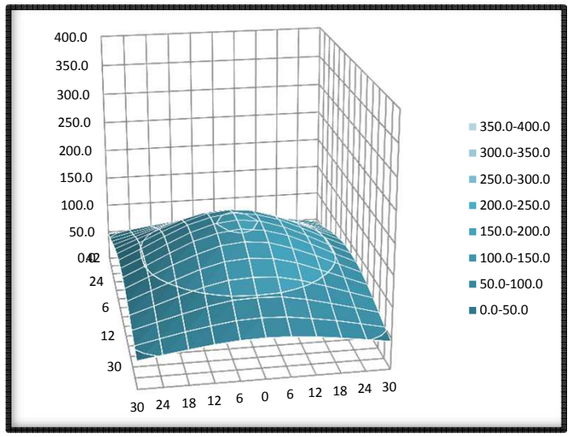
H = 45cm

Modul: **Aqua Sanrise A005-60**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 45 cm — 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	45.0	51.5	59.5	67.5	74.5	80.0	83.5	84.0	83.5	80.0	74.5	67.5	59.5	51.5	45.0	1'007.00	
24	51.0	60.0	70.0	80.0	89.5	97.0	101.0	101.5	101.0	97.0	89.5	80.0	70.0	60.0	51.0	1'198.50	836.50
18	56.5	68.0	80.0	93.0	104.5	114.0	119.5	120.5	119.5	114.0	104.5	93.0	80.0	68.0	56.5	1'391.50	982.50
12	61.5	74.5	89.5	105.0	119.0	129.0	136.5	137.5	136.5	129.0	119.0	105.0	89.5	74.5	61.5	1'567.50	1'116.50
6	65.0	80.0	96.5	113.5	129.0	141.0	147.5	149.5	147.5	141.0	129.0	113.5	96.5	80.0	65.0	1'694.50	1'211.50
0	66.0	81.5	98.0	115.5	132.0	145.0	152.5	154.0	152.5	145.0	132.0	115.5	98.0	81.5	66.0	1'735.00	1'244.00
6	65.0	80.0	96.5	113.5	129.0	141.0	147.5	149.5	147.5	141.0	129.0	113.5	96.5	80.0	65.0	1'694.50	1'211.50
12	61.5	74.5	89.5	105.0	119.0	129.0	136.5	137.5	136.5	129.0	119.0	105.0	89.5	74.5	61.5	1'567.50	1'116.50
18	56.5	68.0	80.0	93.0	104.5	114.0	119.5	120.5	119.5	114.0	104.5	93.0	80.0	68.0	56.5	1'391.50	982.50
24	51.0	60.0	70.0	80.0	89.5	97.0	101.0	101.5	101.0	97.0	89.5	80.0	70.0	60.0	51.0	1'198.50	836.50
30	45.0	51.5	59.5	67.5	74.5	80.0	83.5	84.0	83.5	80.0	74.5	67.5	59.5	51.5	45.0	1'007.00	

Beleuchtungsstärke	100 %	x =	0.233	Summe	15'453.00	9'538.00
Leistungsaufnahme gemessen	142.0 Watt	y =	0.169	**PAR pro Watt**	**108.82**	**67.17**
Lux	6'400 lx	z =	0.598	**PAR im Mittel**	**93.65**	**117.75**



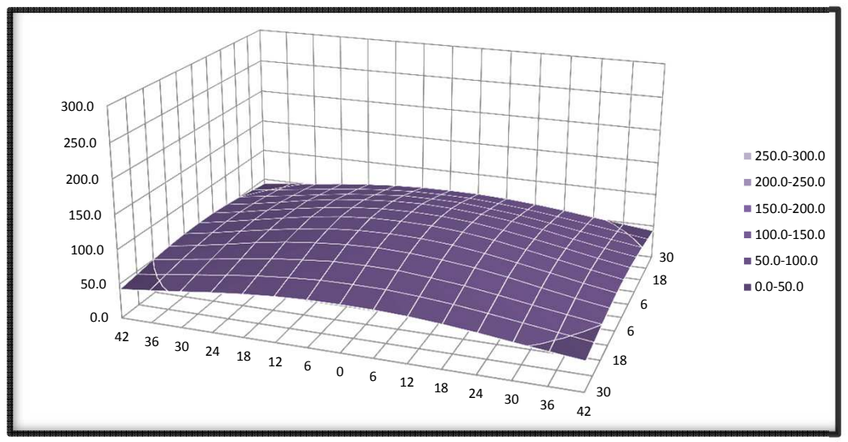


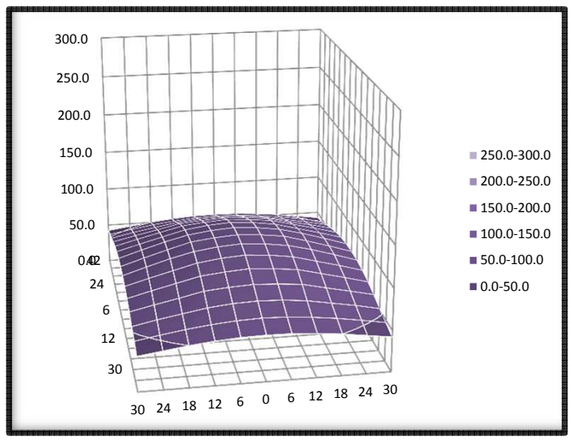
H = 60 cm

Modul: **Aqua Sanrise A005-60**
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: 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	42.0	47.0	52.0	57.5	62.0	65.5	67.5	68.0	67.5	65.5	62.0	57.5	52.0	47.0	42.0	855.00	
24	46.0	52.0	58.0	64.0	69.5	73.5	76.5	77.0	76.5	73.5	69.5	64.0	58.0	52.0	46.0	956.00	644.00
18	50.0	56.5	63.0	70.0	76.5	81.0	85.0	85.5	85.0	81.0	76.5	70.0	63.0	56.5	50.0	1'049.50	710.50
12	53.0	60.0	68.0	76.5	83.5	88.5	92.0	93.5	92.0	88.5	83.5	76.5	68.0	60.0	53.0	1'136.50	774.50
6	55.0	62.5	71.0	79.0	86.5	92.5	96.0	97.0	96.0	92.5	86.5	79.0	71.0	62.5	55.0	1'182.00	805.00
0	55.5	63.5	72.0	80.5	88.5	94.5	98.0	99.0	98.0	94.5	88.5	80.5	72.0	63.5	55.5	1'204.00	822.00
6	55.0	62.5	71.0	79.0	86.5	92.5	96.0	97.0	96.0	92.5	86.5	79.0	71.0	62.5	55.0	1'182.00	805.00
12	53.0	60.0	68.0	76.5	83.5	88.5	92.0	93.5	92.0	88.5	83.5	76.5	68.0	60.0	53.0	1'136.50	774.50
18	50.0	56.5	63.0	70.0	76.5	81.0	85.0	85.5	85.0	81.0	76.5	70.0	63.0	56.5	50.0	1'049.50	710.50
24	46.0	52.0	58.0	64.0	69.5	73.5	76.5	77.0	76.5	73.5	69.5	64.0	58.0	52.0	46.0	956.00	644.00
30	42.0	47.0	52.0	57.5	62.0	65.5	67.5	68.0	67.5	65.5	62.0	57.5	52.0	47.0	42.0	855.00	

Beleuchtungsstärke	100 %	x =	0.233	Summe	11'562.00	6'690.00
Leistungsaufnahme gemessen	142.0 Watt	y =	0.170	**PAR pro Watt**	**81.42**	**47.11**
Lux	4'120 lx	z =	0.597	**PAR im Mittel**	**70.07**	**82.59**





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