

Aqua Sanrise A005-90 - 90° Linsen

H = 30cm

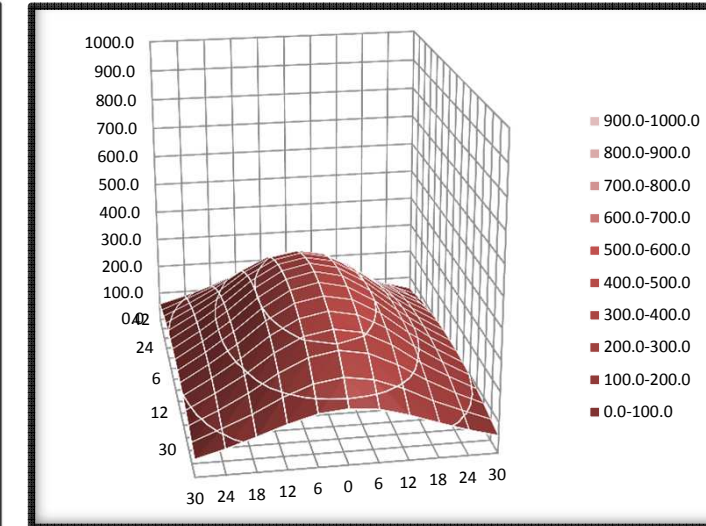
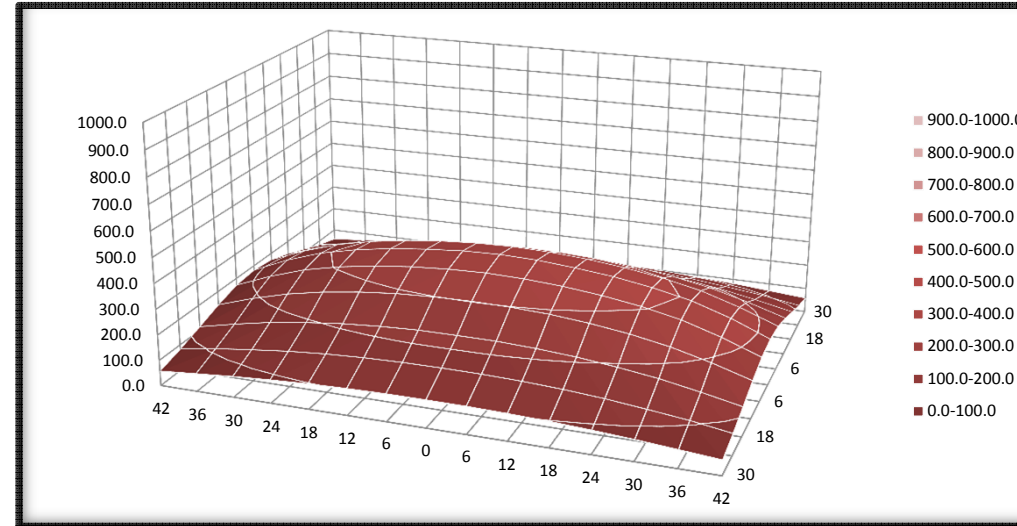
Modul: Aqua Sanrise A005-90
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 30 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 224 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	57.0	69.0	81.0	90.5	98.5	103.5	106.5	107.0	106.5	103.5	98.5	90.5	81.0	69.0	57.0
24	82.5	106.0	123.5	139.5	151.0	158.5	162.5	163.5	162.5	158.5	151.0	139.5	123.5	106.0	82.5
18	113.0	144.5	172.5	193.0	209.5	220.0	226.5	227.0	226.5	220.0	209.5	193.0	172.5	144.5	113.0
12	145.5	191.5	230.0	258.0	278.0	292.0	299.0	301.5	299.0	292.0	278.0	258.0	230.0	191.5	145.5
6	171.5	227.5	274.0	305.5	328.0	344.0	353.5	357.5	353.5	344.0	328.0	305.5	274.0	227.5	171.5
0	180.5	242.0	290.5	322.5	346.5	362.0	374.0	378.0	374.0	362.0	346.5	322.5	290.5	242.0	180.5
6	171.5	227.5	274.0	305.5	328.0	344.0	353.5	357.5	353.5	344.0	328.0	305.5	274.0	227.5	171.5
12	145.5	191.5	230.0	258.0	278.0	292.0	299.0	301.5	299.0	292.0	278.0	258.0	230.0	191.5	145.5
18	113.0	144.5	172.5	193.0	209.5	220.0	226.5	227.0	226.5	220.0	209.5	193.0	172.5	144.5	113.0
24	82.5	106.0	123.5	139.5	151.0	158.5	162.5	163.5	162.5	158.5	151.0	139.5	123.5	106.0	82.5
30	57.0	69.0	81.0	90.5	98.5	103.5	106.5	107.0	106.5	103.5	98.5	90.5	81.0	69.0	57.0

1'319.00
 2'010.50
 2'785.00
 3'689.50
 4'365.50
 4'614.00
 4'365.50
 3'689.50
 2'785.00
 2'010.50
 1'319.00

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 187.0 Watt
 Lux 16'085 lx

x = 0.237
 y = 0.171
 z = 0.592
 Summe 32'953.00 20'961.00
PAR pro Watt 176.22 112.09
PAR im Mittel 199.72 258.78



H = 45cm

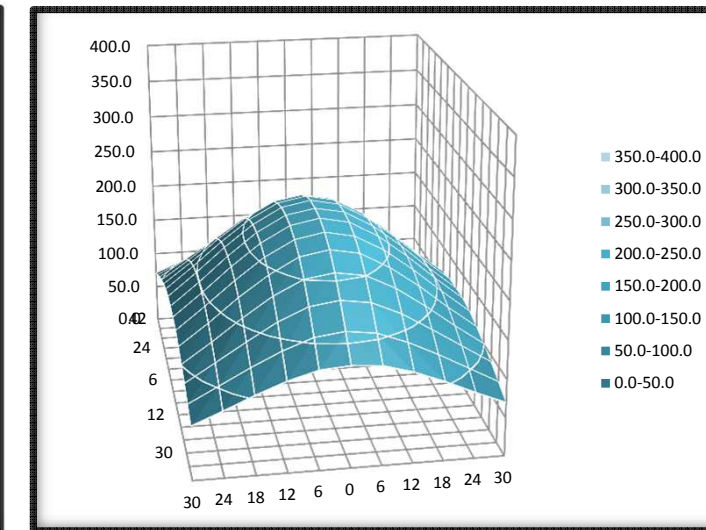
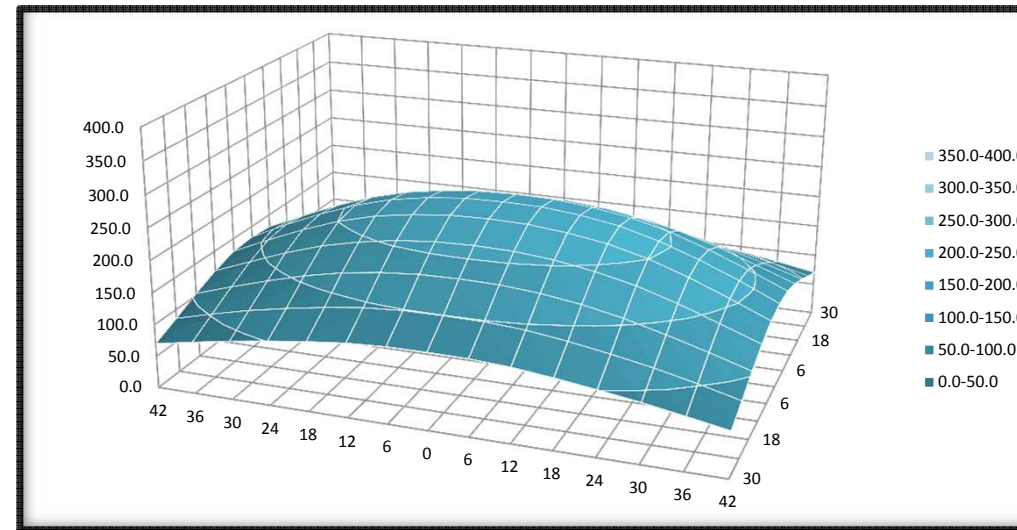
Modul: Aqua Sanrise A005-90
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 45 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 224 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	70.0	81.0	91.5	100.5	108.5	115.0	118.5	119.0	118.5	115.0	108.5	100.5	91.5	81.0	70.0
24	86.0	101.5	115.5	127.0	137.0	145.0	149.0	149.5	149.0	145.0	137.0	127.0	115.5	101.5	86.0
18	103.0	122.0	139.5	155.5	168.0	176.5	181.5	182.5	181.5	176.5	168.0	155.5	139.5	122.0	103.0
12	118.0	140.5	162.5	181.5	195.0	205.0	210.5	212.0	210.5	205.0	195.0	181.5	162.5	140.5	118.0
6	129.0	155.0	179.5	200.5	216.0	225.5	231.5	233.0	231.5	225.5	216.0	200.5	179.5	155.0	129.0
0	132.0	160.0	185.0	206.5	223.0	233.0	239.0	240.0	239.0	233.0	223.0	206.5	185.0	160.0	132.0
6	129.0	155.0	179.5	200.5	216.0	225.5	231.5	233.0	231.5	225.5	216.0	200.5	179.5	155.0	129.0
12	118.0	140.5	162.5	181.5	195.0	205.0	210.5	212.0	210.5	205.0	195.0	181.5	162.5	140.5	118.0
18	103.0	122.0	139.5	155.5	168.0	176.5	181.5	182.5	181.5	176.5	168.0	155.5	139.5	122.0	103.0
24	86.0	101.5	115.5	127.0	137.0	145.0	149.0	149.5	149.0	145.0	137.0	127.0	115.5	101.5	86.0
30	70.0	81.0	91.5	100.5	108.5	115.0	118.5	119.0	118.5	115.0	108.5	100.5	91.5	81.0	70.0

1'489.00
 1'871.50
 2'274.50
 2'638.00
 2'907.00
 2'997.00
 2'907.00
 2'638.00
 2'274.50
 1'871.50
 1'489.00

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 187.0 Watt
 Lux 10'260 lx

x = 0.236
 y = 0.171
 z = 0.593
 Summe 25'357.00 15'217.00
PAR pro Watt 135.60 81.37
PAR im Mittel 153.68 187.86



H = 60 cm

Modul: Aqua Sanrise A005-90
 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: 224 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	70.0	78.0	85.5	92.0	98.5	102.5	104.5	105.0	104.5	102.5	98.5	92.0	85.5	78.0	70.0
24	80.5	90.0	98.5	107.5	114.0	120.0	121.5	122.5	121.5	120.0	114.0	107.5	98.5	90.0	80.5
18	89.0	100.5	111.0	120.0	128.5	133.5	136.5	138.0	136.5	133.5	128.5	120.0	111.0	100.5	89.0
12	97.5	110.0	122.5	133.5	142.0	145.5	151.5	152.0	151.5	145.5	142.0	133.5	122.5	110.0	97.5
6	102.5	116.0	129.0	141.0	150.0	156.5	160.0	161.0	160.0	156.5	150.0	141.0	129.0	116.0	102.5
0	104.0	118.0	132.0	145.5	154.0	160.0	164.5	165.0	164.5	160.0	154.0	145.5	132.0	118.0	104.0
6	102.5	116.0	129.0	141.0	150.0	156.5	160.0	161.0	160.0	156.5	150.0	141.0	129.0	116.0	102.5
12	97.5	110.0	122.5	133.5	142.0	145.5	151.5	152.0	151.5	145.5	142.0	133.5	122.5	110.0	97.5
18	89.0	100.5	111.0	120.0	128.5	133.5	136.5	138.0	136.5	133.5	128.5	120.0	111.0	100.5	89.0
24	80.5	90.0	98.5	107.5	114.0	120.0	121.5	122.5	121.5	120.0	114.0	107.5	98.5	90.0	80.5
30	70.0	78.0	85.5	92.0	98.5	102.5	104.5	105.0	104.5	102.5	98.5	92.0	85.5	78.0	70.0

1'367.00
 1'586.50
 1'776.00
 1'957.00
 2'071.00
 2'121.00
 2'071.00
 1'957.00
 1'776.00
 1'586.50
 1'367.00

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 186.0 Watt
 Lux 7'060 lx

x = 0.236
 y = 0.171
 z = 0.593
 Summe 19'636.00 12'106.00
PAR pro Watt 105.57 65.09
PAR im Mittel 119.01 138.35

