

# Aqua Sanrise A005-60 - 90° Linsen

## H = 30cm

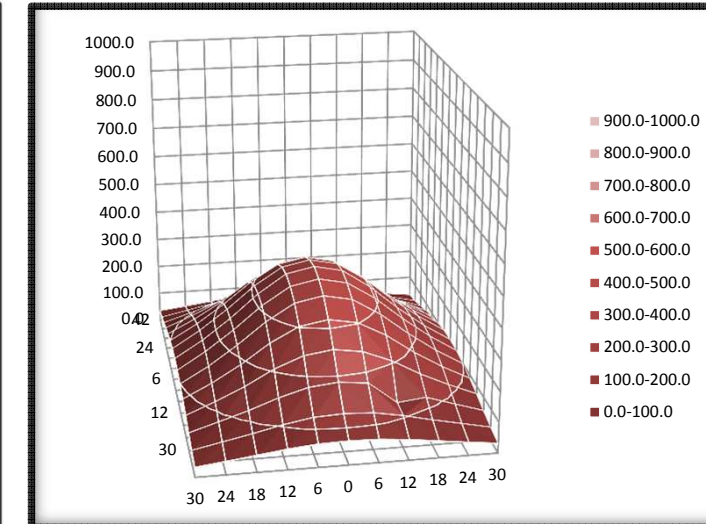
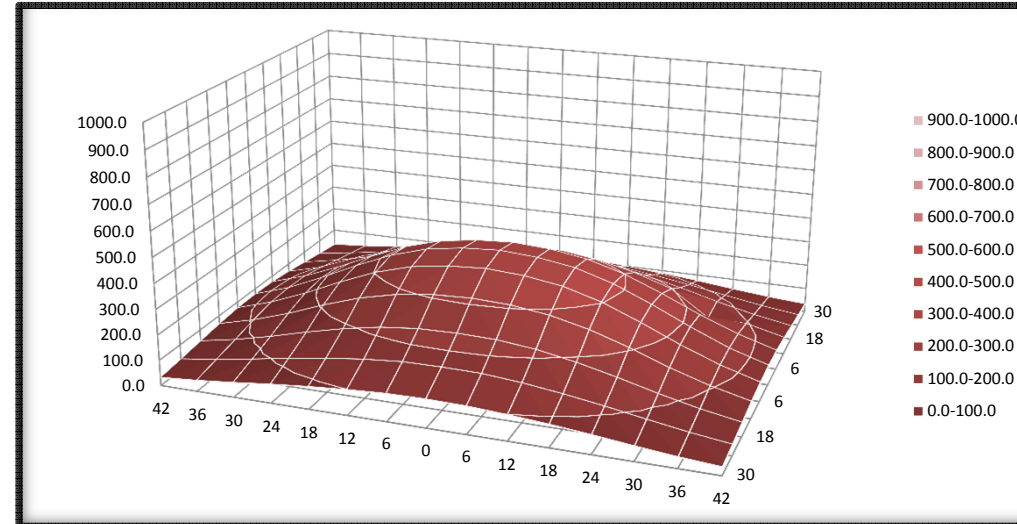
Modul: Aqua Sanrise A005-60  
 Raumtemperatur: 19 Grad Celsius  
 Messinstrument: kalibriertes Spektrometer  
 Abstand von Sensor bis uk Modul: 30 cm  
 Raum: Abgedunkelt  
 Einheit: PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
 Leistungsangabe Hersteller: 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	32.0	43.0	57.5	74.0	88.0	99.5	108.0	110.5	108.0	99.5	88.0	74.0	57.5	43.0	32.0
24	43.0	62.5	86.5	112.0	134.5	153.0	165.5	167.5	165.5	153.0	134.5	112.0	86.5	62.5	43.0
18	55.0	82.0	116.0	155.0	189.5	217.0	232.5	236.0	232.5	217.0	189.5	155.0	116.0	82.0	55.0
12	67.0	103.5	150.5	206.0	254.0	288.5	308.0	314.0	308.0	288.5	254.0	206.0	150.5	103.5	67.0
6	75.5	120.0	177.5	243.0	302.5	344.5	366.5	375.5	366.5	344.5	302.5	243.0	177.5	120.0	75.5
0	78.0	124.5	187.5	256.5	318.5	363.0	385.5	395.0	385.5	363.0	318.5	256.5	187.5	124.5	78.0
6	75.5	120.0	177.5	243.0	302.5	344.5	366.5	375.5	366.5	344.5	302.5	243.0	177.5	120.0	75.5
12	67.0	103.5	150.5	206.0	254.0	288.5	308.0	314.0	308.0	288.5	254.0	206.0	150.5	103.5	67.0
18	55.0	82.0	116.0	155.0	189.5	217.0	232.5	236.0	232.5	217.0	189.5	155.0	116.0	82.0	55.0
24	43.0	62.5	86.5	112.0	134.5	153.0	165.5	167.5	165.5	153.0	134.5	112.0	86.5	62.5	43.0
30	32.0	43.0	57.5	74.0	88.0	99.5	108.0	110.5	108.0	99.5	88.0	74.0	57.5	43.0	32.0

1'114.50  
 1'681.50 1'297.50  
 2'330.00 1'824.00  
 3'069.00 2'427.00  
 3'634.50 2'888.50  
 3'822.00 3'042.00  
 3'634.50 2'888.50  
 2'979.00 2'427.00  
 2'330.00 1'824.00  
 1'681.50 1'297.50  
 1'114.50

Beleuchtungsstärke 100 % x = 0.232  
 Leistungsaufnahme gemessen 142.0 Watt y = 0.167  
 Lux 16'100 lx z = 0.601

Summe 27'391.00 19'916.00  
**PAR pro Watt 192.89 140.25**  
**PAR im Mittel 166.01 245.88**



## H = 45cm

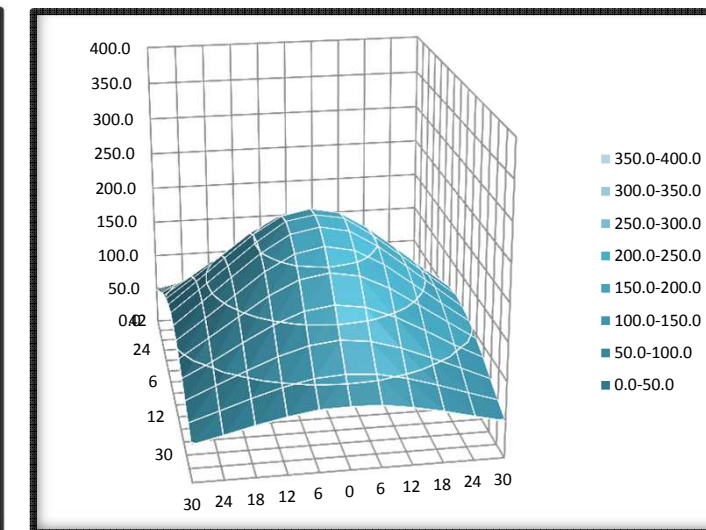
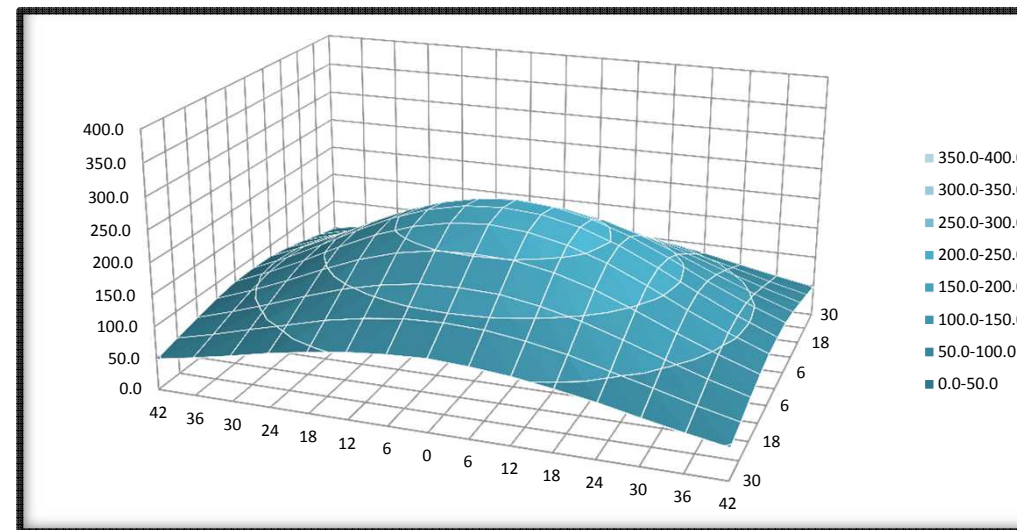
Modul: Aqua Sanrise A005-60  
 Raumtemperatur: 19 Grad Celsius  
 Messinstrument: kalibriertes Spektrometer  
 Abstand von Sensor bis uk Modul: 45 cm  
 Raum: Abgedunkelt  
 Einheit: PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
 Leistungsangabe Hersteller: 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	48.5	59.5	71.5	84.5	95.0	104.0	109.5	112.5	109.5	104.0	95.0	84.5	71.5	59.5	48.5
24	57.5	72.0	88.5	104.0	120.0	131.5	139.5	142.0	139.5	131.5	120.0	104.0	88.5	72.0	57.5
18	67.0	85.0	105.0	126.0	145.5	160.0	170.0	172.0	170.0	160.0	145.5	126.0	105.0	85.0	67.0
12	75.0	96.5	120.5	146.5	170.5	188.5	199.5	202.0	199.5	188.5	170.5	146.5	120.5	96.5	75.0
6	81.0	105.0	132.0	162.0	189.0	209.5	222.5	227.5	222.5	209.5	189.0	162.0	132.0	105.0	81.0
0	82.0	107.5	136.5	167.5	195.5	217.0	230.0	234.0	230.0	217.0	195.5	167.5	136.5	107.5	82.0
6	81.0	105.0	132.0	162.0	189.0	209.5	222.5	227.5	222.5	209.5	189.0	162.0	132.0	105.0	81.0
12	75.0	96.5	120.5	146.5	170.5	188.5	199.5	202.0	199.5	188.5	170.5	146.5	120.5	96.5	75.0
18	67.0	85.0	105.0	126.0	145.5	160.0	170.0	172.0	170.0	160.0	145.5	126.0	105.0	85.0	67.0
24	57.5	72.0	88.5	104.0	120.0	131.5	139.5	142.0	139.5	131.5	120.0	104.0	88.5	72.0	57.5
30	48.5	59.5	71.5	84.5	95.0	104.0	109.5	112.5	109.5	104.0	95.0	84.5	71.5	59.5	48.5

1'257.50  
 1'568.00 1'132.00  
 1'889.00 1'375.00  
 2'196.00 1'612.00  
 2'429.50 1'793.50  
 2'506.00 1'854.00  
 2'429.50 1'793.50  
 2'196.00 1'612.00  
 1'889.00 1'375.00  
 1'568.00 1'132.00  
 1'257.50

Beleuchtungsstärke 100 % x = 0.232  
 Leistungsaufnahme gemessen 142.0 Watt y = 0.168  
 Lux 9'650 lx z = 0.601

Summe 21'186.00 13'679.00  
**PAR pro Watt 149.20 96.33**  
**PAR im Mittel 128.40 168.88**



## H = 60 cm

Modul: Aqua Sanrise A005-60  
 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: 166 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	51.5	58.0	66.0	74.5	81.5	87.0	90.5	91.5	90.5	87.0	81.5	74.5	66.0	58.0	51.5
24	57.5	66.0	76.0	86.5	95.5	102.5	106.5	107.5	106.5	102.5	95.5	86.5	76.0	66.0	57.5
18	63.0	74.0	85.0	97.0	108.5	116.5	121.5	122.5	121.5	116.5	108.5	97.0	85.0	74.0	63.0
12	68.0	80.5	94.0	107.5	120.0	129.5	135.5	137.0	135.5	129.5	120.0	107.5	94.0	80.5	68.0
6	71.5	84.5	99.0	114.0	128.0	138.0	144.5	146.5	144.5	138.0	128.0	114.0	99.0	84.5	71.5
0	72.5	86.0	101.0	116.5	131.5	141.5	149.0	151.0	149.0	141.5	131.5	116.5	101.0	86.0	72.5
6	71.5	84.5	99.0	114.0	128.0	138.0	144.5	146.5	144.5	138.0	128.0	114.0	99.0	84.5	71.5
12	68.0	80.5	94.0	107.5	120.0	129.5	135.5	137.0	135.5	129.5	120.0	107.5	94.0	80.5	68.0
18	63.0	74.0	85.0	97.0	108.5	116.5	121.5	122.5	121.5	116.5	108.5	97.0	85.0	74.0	63.0
24	57.5	66.0	76.0	86.5	95.5	102.5	106.5	107.5	106.5	102.5	95.5	86.5	76.0	66.0	57.5
30	51.5	58.0	66.0	74.5	81.5	87.0	90.5	91.5	90.5	87.0	81.5	74.5	66.0	58.0	51.5

1'109.50  
 1'288.50 889.50  
 1'453.50 1'009.50  
 1'607.00 1'122.00  
 1'705.50 1'195.50  
 1'747.00 1'228.00  
 1'705.50 1'195.50  
 1'607.00 1'122.00  
 1'453.50 1'009.50  
 1'288.50 889.50  
 1'109.50

Beleuchtungsstärke 100 % x = 0.232  
 Leistungsaufnahme gemessen 142.0 Watt y = 0.168  
 Lux 6'250 lx z = 0.601

Summe 16'075.00 9'661.00  
**PAR pro Watt 113.20 68.04**  
**PAR im Mittel 97.42 119.27**

