

Aqua Medic Spectrus 60 90° Linsen

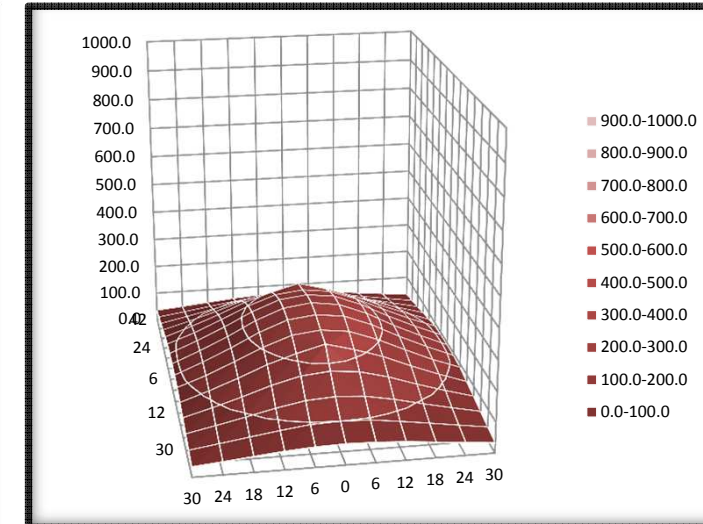
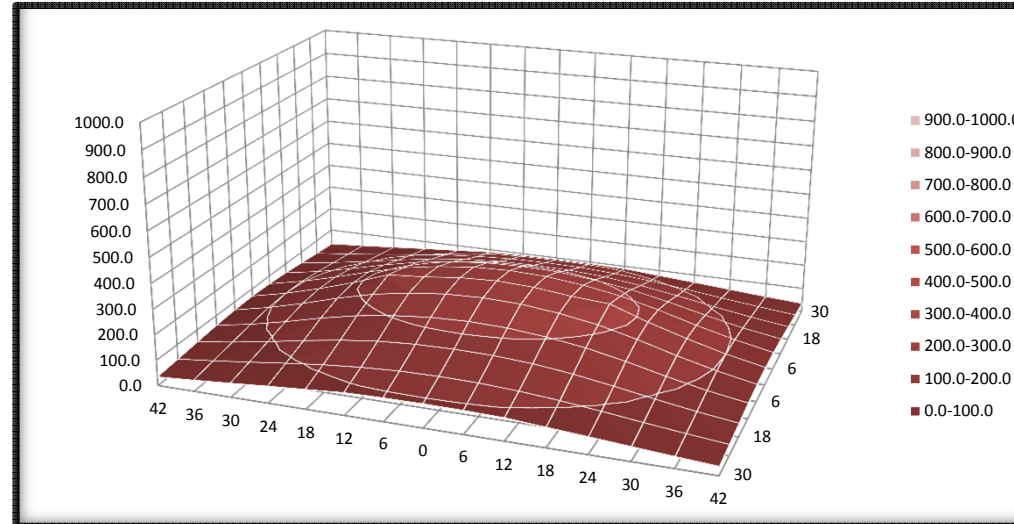
H = 30cm

Modul: Aqua Medic Spectrus 60 90° Linsen
 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: 160 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	33.5	43.5	54.5	66.0	76.5	87.5	91.0	92.0	91.0	87.5	76.5	66.0	54.5	43.5	33.5
24	42.0	57.0	74.0	92.0	108.5	121.0	129.0	131.0	129.0	121.0	108.5	92.0	74.0	57.0	42.0
18	51.0	71.0	94.5	120.5	144.0	161.5	171.0	173.5	171.0	161.5	144.0	120.5	94.5	71.0	51.0
12	60.0	84.5	116.5	152.0	182.5	203.5	217.5	222.0	217.5	203.5	182.5	152.0	116.5	84.5	60.0
6	66.0	96.5	134.0	176.0	212.5	237.0	253.5	258.5	253.5	237.0	212.5	176.0	134.0	96.5	66.0
0	68.5	100.0	140.0	185.0	237.5	248.0	264.5	271.0	264.5	248.0	237.5	185.0	140.0	100.0	68.5
6	66.0	96.5	134.0	176.0	212.5	237.0	253.5	258.5	253.5	237.0	212.5	176.0	134.0	96.5	66.0
12	60.0	84.5	116.5	152.0	182.5	203.5	217.5	222.0	217.5	203.5	182.5	152.0	116.5	84.5	60.0
18	51.0	71.0	94.5	120.5	144.0	161.5	171.0	173.5	171.0	161.5	144.0	120.5	94.5	71.0	51.0
24	42.0	57.0	74.0	92.0	108.5	121.0	129.0	131.0	129.0	121.0	108.5	92.0	74.0	57.0	42.0
30	33.5	43.5	54.5	66.0	76.5	87.5	91.0	92.0	91.0	87.5	76.5	66.0	54.5	43.5	33.5

997.00
 1'378.00 1'032.00
 1'800.50 1'367.50
 2'255.00 1'733.00
 2'609.50 2'016.50
 2'758.00 2'141.00
 2'609.50 2'016.50
 2'255.00 1'733.00
 1'800.50 1'367.50
 1'378.00 1'032.00
 997.00

Beleuchtungsstärke 100 % x = 0.237
 Leistungsaufnahme gemessen 122.0 Watt y = 0.196
 Lux 12'000 lx z = 0.567
 Summe 20'838.00 14'439.00
PAR pro Watt 170.80 118.35
PAR im Mittel 126.29 178.26



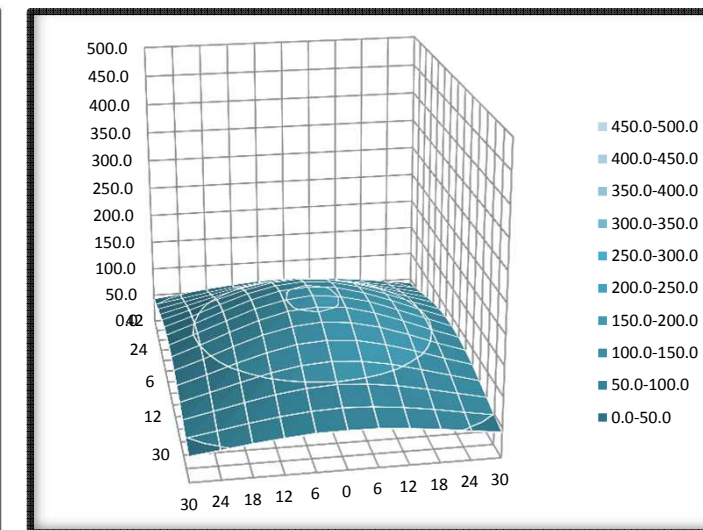
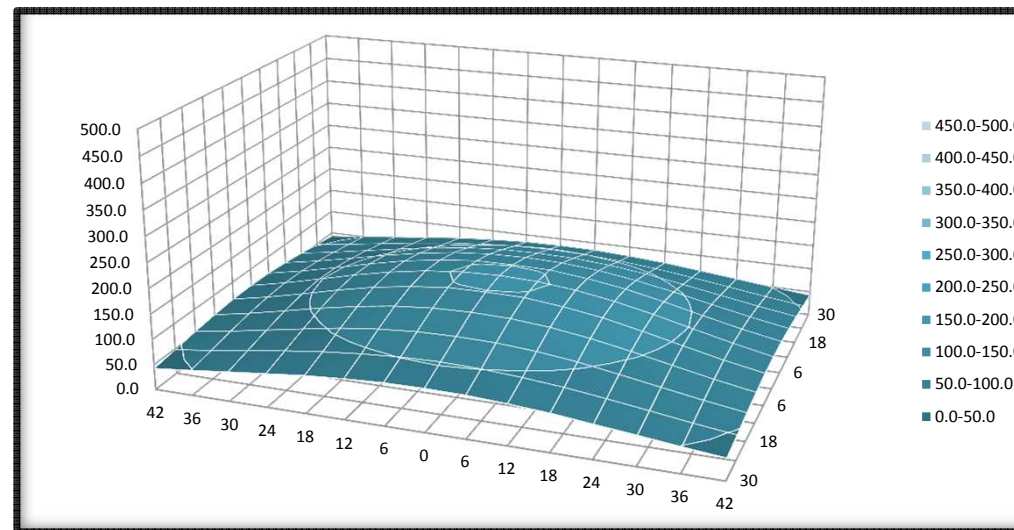
H = 45cm

Modul: Aqua Medic Spectrus 60 90° Linsen
 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: 160 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	42.0	49.5	58.0	66.0	74.0	79.5	83.5	84.5	83.5	79.5	74.0	66.0	58.0	49.5	42.0
24	48.0	57.5	68.5	79.0	88.5	95.5	100.5	102.5	100.5	95.5	88.5	79.0	68.5	57.5	48.0
18	54.5	66.0	79.0	92.0	104.5	113.5	119.0	120.5	119.0	113.5	104.5	92.0	79.0	66.0	54.5
12	59.5	73.0	88.5	104.5	118.5	129.5	136.0	138.0	136.0	129.5	118.5	104.5	88.5	73.0	59.5
6	63.5	78.0	95.0	113.0	129.0	140.5	148.5	149.5	148.5	140.5	129.0	113.0	95.0	78.0	63.5
0	64.5	80.0	98.0	116.5	132.5	145.0	152.5	155.0	152.5	145.0	132.5	116.5	98.0	80.0	64.5
6	63.5	78.0	95.0	113.0	129.0	140.5	148.5	149.5	148.5	140.5	129.0	113.0	95.0	78.0	63.5
12	59.5	73.0	88.5	104.5	118.5	129.5	136.0	138.0	136.0	129.5	118.5	104.5	88.5	73.0	59.5
18	54.5	66.0	79.0	92.0	104.5	113.5	119.0	120.5	119.0	113.5	104.5	92.0	79.0	66.0	54.5
24	48.0	57.5	68.5	79.0	88.5	95.5	100.5	102.5	100.5	95.5	88.5	79.0	68.5	57.5	48.0
30	42.0	49.5	58.0	66.0	74.0	79.5	83.5	84.5	83.5	79.5	74.0	66.0	58.0	49.5	42.0

989.50
 1'177.50 829.50
 1'377.50 978.50
 1'557.00 1'115.00
 1'684.50 1'211.50
 1'732.50 1'248.00
 1'684.50 1'211.50
 1'557.00 1'115.00
 1'377.50 978.50
 1'177.50 829.50
 989.50

Beleuchtungsstärke 100 % x =
 Leistungsaufnahme gemessen 145.0 Watt y =
 Lux lx z =
 Summe 15'304.50 9'517.00
PAR pro Watt 105.55 65.63
PAR im Mittel 92.75 117.49



H = 60 cm

Modul: Aqua Medic Spectrus 60 90° Linsen
 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: 160 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	40.5	45.5	51.0	56.0	61.0	64.0	66.5	67.0	66.5	64.0	61.0	56.0	51.0	45.5	40.5
24	44.5	50.5	56.5	63.0	68.5	73.0	75.5	76.0	75.5	73.0	68.5	63.0	56.5	50.5	44.5
18	48.5	55.0	61.5	69.0	75.5	81.0	83.5	84.5	83.5	81.0	75.5	69.0	61.5	55.0	48.5
12	51.5	58.5	66.5	75.0	82.5	88.0	91.5	92.5	91.5	88.0	82.5	75.0	66.5	58.5	51.5
6	53.0	61.5	70.0	78.5	86.5	92.0	95.5	96.5	95.5	92.0	86.5	78.5	70.0	61.5	53.0
0	54.0	62.0	71.0	80.0	88.0	93.5	97.0	99.0	97.0	93.5	88.0	80.0	71.0	62.0	54.0
6	53.0	61.5	70.0	78.5	86.5	92.0	95.5	96.5	95.5	92.0	86.5	78.5	70.0	61.5	53.0
12	51.5	58.5	66.5	75.0	82.5	88.0	91.5	92.5	91.5	88.0	82.5	75.0	66.5	58.5	51.5
18	48.5	55.0	61.5	69.0	75.5	81.0	83.5	84.5	83.5	81.0	75.5	69.0	61.5	55.0	48.5
24	44.5	50.5	56.5	63.0	68.5	73.0	75.5	76.0	75.5	73.0	68.5	63.0	56.5	50.5	44.5
30	40.5	45.5	51.0	56.0	61.0	64.0	66.5	67.0	66.5	64.0	61.0	56.0	51.0	45.5	40.5

836.00
 939.00 636.00
 1'032.50 702.50
 1'119.50 766.50
 1'170.50 801.50
 1'190.00 816.00
 1'170.50 801.50
 1'119.50 766.50
 1'032.50 702.50
 939.00 636.00
 836.00

Beleuchtungsstärke 100 % x =
 Leistungsaufnahme gemessen 145.0 Watt y =
 Lux lx z =
 Summe 11'385.00 6'629.00
PAR pro Watt 78.52 45.72
PAR im Mittel 69.00 81.84

