

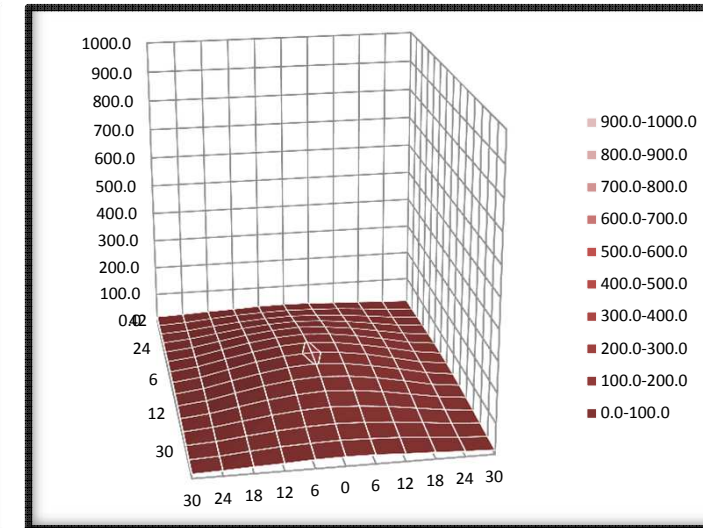
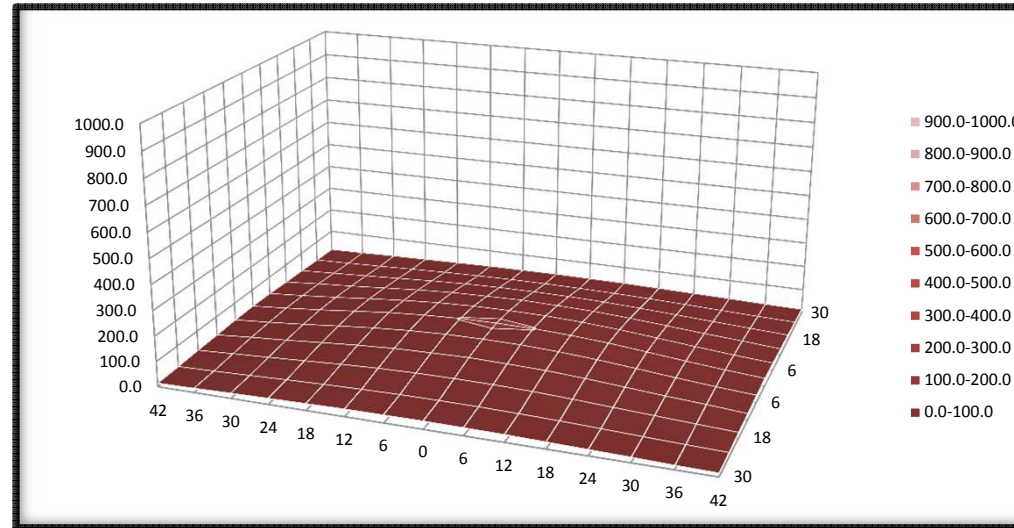
# Aqua Medic Aquarius 60

**Modul:** Aqua Medic Aquarius 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:** 50 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	13.5	16.0	20.0	23.0	26.0	29.0	30.0	31.0	30.0	29.0	26.0	23.0	20.0	16.0	13.5
24	16.5	20.5	25.5	31.0	36.0	39.5	42.0	42.5	42.0	39.5	36.0	31.0	25.5	20.5	16.5
18	21.0	28.5	36.0	44.0	52.0	58.5	62.0	63.0	62.0	58.5	52.0	44.0	36.0	28.5	21.0
12	24.0	35.5	45.0	56.5	67.5	76.0	80.0	83.0	80.0	76.0	67.5	56.5	45.0	35.5	24.0
6	28.5	39.0	51.5	65.5	78.5	88.5	94.5	96.0	94.5	88.5	78.5	65.5	51.5	39.0	28.5
0	30.0	41.5	54.5	69.5	84.0	94.0	100.5	102.0	100.5	94.0	84.0	69.5	54.5	41.5	30.0
6	28.5	39.0	51.5	65.5	78.5	88.5	94.5	96.0	94.5	88.5	78.5	65.5	51.5	39.0	28.5
12	24.0	35.5	45.0	56.5	67.5	76.0	80.0	83.0	80.0	76.0	67.5	56.5	45.0	35.5	24.0
18	21.0	28.5	36.0	44.0	52.0	58.5	62.0	63.0	62.0	58.5	52.0	44.0	36.0	28.5	21.0
24	16.5	20.5	25.5	31.0	36.0	39.5	42.0	42.5	42.0	39.5	36.0	31.0	25.5	20.5	16.5
30	13.5	16.0	20.0	23.0	26.0	29.0	30.0	31.0	30.0	29.0	26.0	23.0	20.0	16.0	13.5

Beleuchtungsstärke 100 % x = 0.220  
 Leistungsaufnahme gemessen 49.5 Watt y = 0.153  
 Lux 370 lx z = 0.627  
 Summe 7'685.00 5'255.00  
**PAR pro Watt 155.25 106.16**  
**PAR im Mittel 46.58 64.88**

## H = 30cm

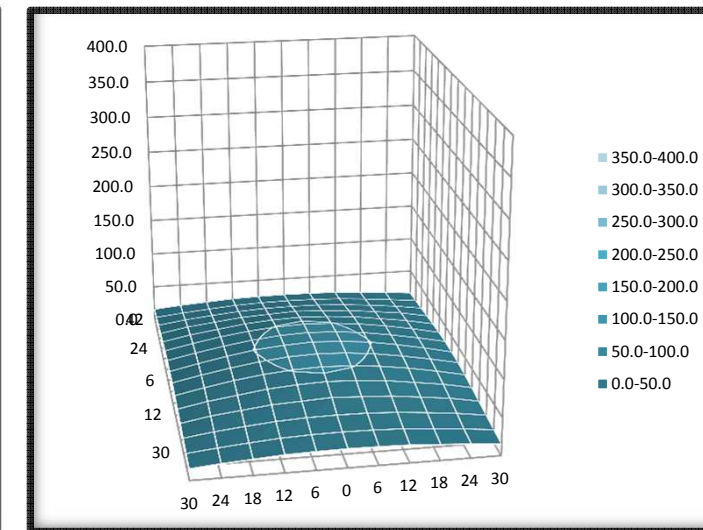
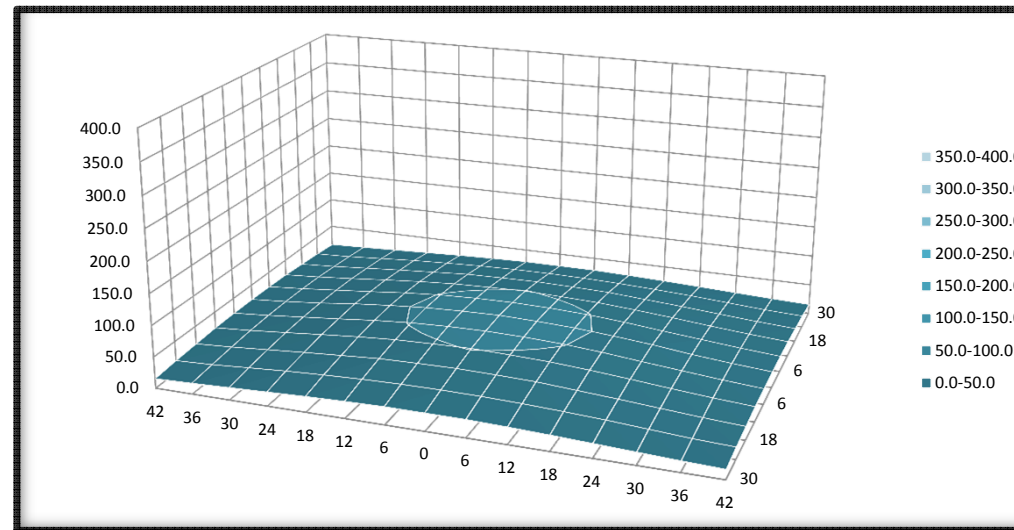


**Modul:** Aqua Medic Aquarius 60  
**Raumtemperatur:** 19 Grad Celsius  
**Messinstrument:** kalibriertes Spektrometer  
**Abstand von Sensor bis uk Modul:** 45 cm  
**Raum:** Abgedunkelt  
**Einheit:** PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
**Leistungsangabe Hersteller:** 50 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	15.0	17.0	19.5	22.0	24.5	26.5	28.0	28.0	28.0	26.5	24.5	22.0	19.5	17.0	15.0
24	18.5	21.0	25.0	29.0	32.0	34.5	36.0	36.5	36.0	34.5	32.0	29.0	25.0	21.0	18.5
18	21.0	24.5	29.0	33.5	37.5	41.5	43.0	44.0	43.0	41.5	37.5	33.5	29.0	24.5	21.0
12	23.5	27.5	32.5	38.0	43.0	47.0	49.0	50.5	49.0	47.0	43.0	38.0	32.5	27.5	23.5
6	24.5	29.0	34.5	40.0	46.0	50.5	53.0	54.0	53.0	50.5	46.0	40.0	34.5	29.0	24.5
0	25.0	29.5	35.0	42.0	47.5	52.0	54.5	56.0	54.5	52.0	47.5	42.0	35.0	29.5	25.0
6	24.5	29.0	34.5	40.0	46.0	50.5	53.0	54.0	53.0	50.5	46.0	40.0	34.5	29.0	24.5
12	23.5	27.5	32.5	38.0	43.0	47.0	49.0	50.5	49.0	47.0	43.0	38.0	32.5	27.5	23.5
18	21.0	24.5	29.0	33.5	37.5	41.5	43.0	44.0	43.0	41.5	37.5	33.5	29.0	24.5	21.0
24	18.5	21.0	25.0	29.0	32.0	34.5	36.0	36.5	36.0	34.5	32.0	29.0	25.0	21.0	18.5
30	15.0	17.0	19.5	22.0	24.5	26.5	28.0	28.0	28.0	26.5	24.5	22.0	19.5	17.0	15.0

Beleuchtungsstärke 100 % x = 0.220  
 Leistungsaufnahme gemessen 49.5 Watt y = 0.154  
 Lux 2'030 lx z = 0.625  
 Summe 5'519.00 3'432.00  
**PAR pro Watt 111.49 69.33**  
**PAR im Mittel 33.45 42.37**

## H = 45cm



**Modul:** Aqua Medic Aquarius 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:** 65 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	14.5	16.0	18.0	19.5	21.0	22.5	23.0	23.0	23.0	22.5	21.0	19.5	18.0	16.0	14.5
24	16.0	18.5	20.5	22.5	24.5	26.0	27.0	27.0	27.0	26.0	24.5	22.5	20.5	18.5	16.0
18	17.5	20.0	22.0	24.0	26.5	28.5	29.5	29.5	29.5	28.5	26.5	24.0	22.0	20.0	17.5
12	18.5	21.5	24.0	26.5	29.0	30.0	32.0	32.5	32.0	30.0	29.0	26.5	24.0	21.5	18.5
6	19.0	22.0	24.5	27.5	30.0	32.0	33.0	33.5	33.0	32.0	30.0	27.5	24.5	22.0	19.0
0	19.5	22.5	25.0	28.0	30.5	32.5	34.0	34.0	34.0	32.5	30.5	28.0	25.0	22.5	19.5
6	19.0	22.0	24.5	27.5	30.0	32.0	33.0	33.5	33.0	32.0	30.0	27.5	24.5	22.0	19.0
12	18.5	21.5	24.0	26.5	29.0	30.0	32.0	32.5	32.0	30.0	29.0	26.5	24.0	21.5	18.5
18	17.5	20.0	22.0	24.0	26.5	28.5	29.5	29.5	29.5	28.5	26.5	24.0	22.0	20.0	17.5
24	16.0	18.5	20.5	22.5	24.5	26.0	27.0	27.0	27.0	26.0	24.5	22.5	20.5	18.5	16.0
30	14.5	16.0	18.0	19.5	21.0	22.5	23.0	23.0	23.0	22.5	21.0	19.5	18.0	16.0	14.5

Beleuchtungsstärke 100 % x = 0.220  
 Leistungsaufnahme gemessen 49.5 Watt y = 0.153  
 Lux 1'250 lx z = 0.628  
 Summe 4'017.00 2'323.00  
**PAR pro Watt 81.15 46.93**  
**PAR im Mittel 24.35 28.68**

## H = 60 cm

