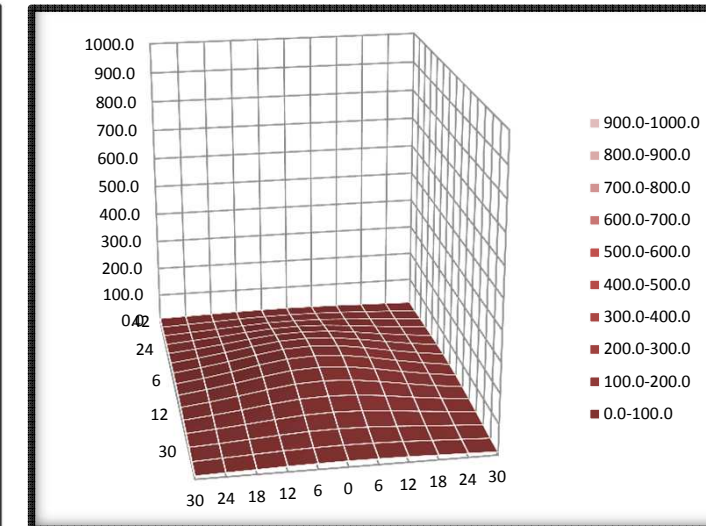
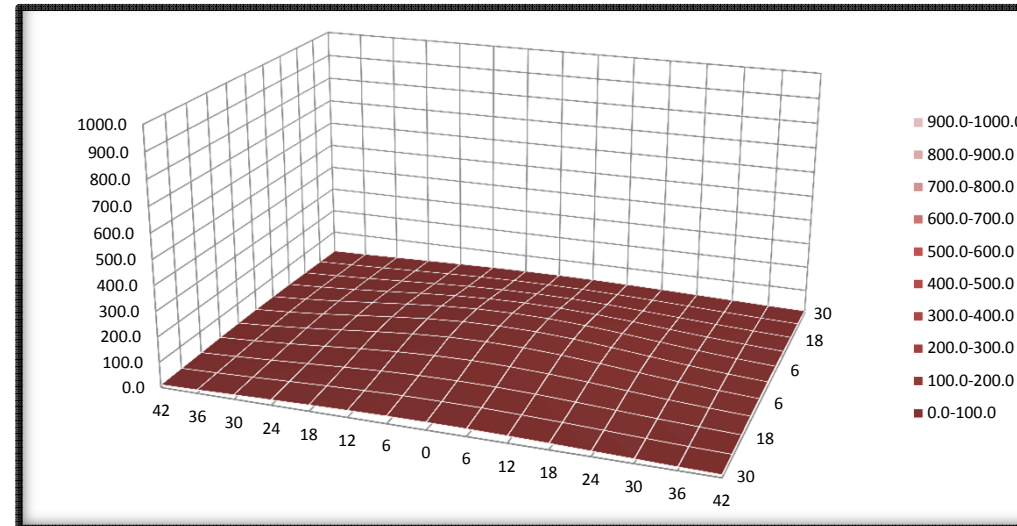


# Zetlight ZA 2431

**Modul:** Zetlight ZA 2431  
**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:** 28 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	10.0	12.5	16.5	20.0	23.5	26.5	28.5	29.0	28.5	26.5	23.5	20.0	16.5	12.5	10.0	304.00	
24	12.5	16.5	21.5	27.5	33.0	37.5	41.0	41.5	41.0	37.5	33.0	27.5	21.5	16.5	12.5	420.50	319.50
18	14.5	20.5	27.5	35.5	43.5	51.0	55.5	57.0	55.5	51.0	43.5	35.5	27.5	20.5	14.5	553.00	428.00
12	17.0	24.5	33.5	44.5	56.0	65.5	72.0	74.5	72.0	65.5	56.0	44.5	33.5	24.5	17.0	700.50	550.50
6	18.0	27.0	38.5	52.0	66.0	78.0	86.0	88.5	86.0	78.0	66.0	52.0	38.5	27.0	18.0	819.50	652.50
0	19.0	28.0	40.0	54.5	69.0	82.0	90.5	93.0	90.5	82.0	69.0	54.5	40.0	28.0	19.0	859.00	685.00
6	18.0	27.0	38.5	52.0	66.0	78.0	86.0	88.5	86.0	78.0	66.0	52.0	38.5	27.0	18.0	819.50	652.50
12	17.0	24.5	33.5	44.5	56.0	65.5	72.0	74.5	72.0	65.5	56.0	44.5	33.5	24.5	17.0	700.50	550.50
18	14.5	20.5	27.5	35.5	43.5	51.0	55.5	57.0	55.5	51.0	43.5	35.5	27.5	20.5	14.5	553.00	428.00
24	12.5	16.5	21.5	27.5	33.0	37.5	41.0	41.5	41.0	37.5	33.0	27.5	21.5	16.5	12.5	420.50	319.50
30	10.0	12.5	16.5	20.0	23.5	26.5	28.5	29.0	28.5	26.5	23.5	20.0	16.5	12.5	10.0	304.00	226.00

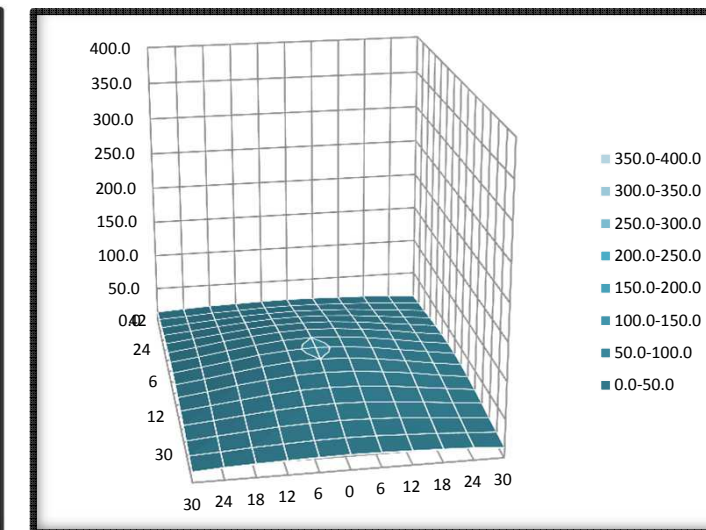
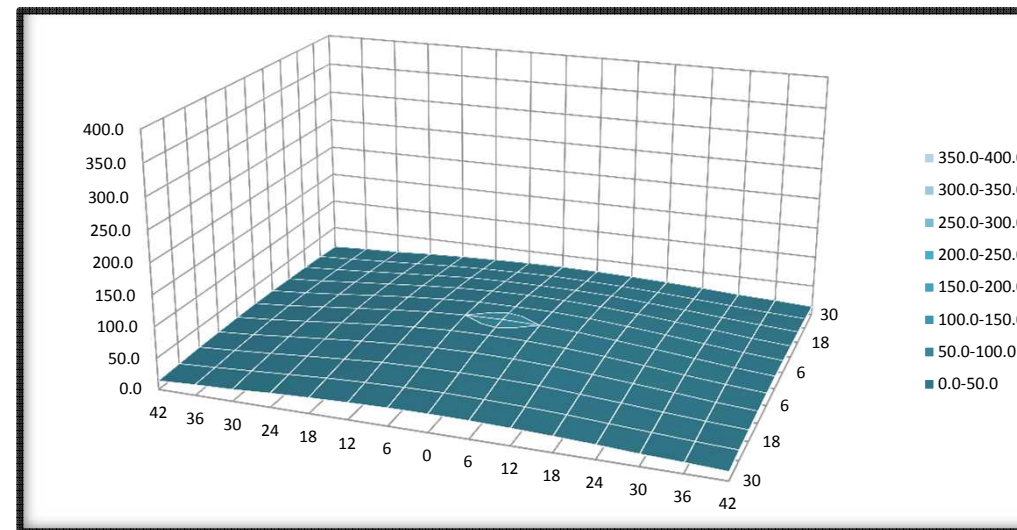
**Beleuchtungsstärke:** 100 %  
**Leistungsaufnahme gemessen:** 34.0 Watt  
**Lux:** 3'850 lx  
**Summe:** 6'454.00  
**PAR pro Watt:** 189.82  
**PAR im Mittel:** 39.12



**Modul:** Zetlight ZA 2431  
**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:** 28 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	13.5	16.5	18.5	22.0	24.5	26.5	28.0	28.5	28.0	26.5	24.5	22.0	18.5	16.5	13.5	327.50	
24	15.5	18.5	22.0	25.5	29.0	31.5	33.0	34.0	33.0	31.5	29.0	25.5	22.0	18.5	16.0	384.50	272.00
18	17.5	21.0	25.0	29.5	33.5	37.5	39.0	39.5	39.0	37.5	33.5	29.5	25.0	21.0	17.5	445.50	318.50
12	18.5	22.5	28.0	33.0	38.0	42.0	44.5	45.5	44.5	42.0	38.0	33.0	28.0	22.5	18.5	498.50	360.50
6	19.5	24.0	29.5	35.5	41.0	45.5	48.5	49.0	48.5	45.5	41.0	35.5	29.5	24.0	19.5	536.00	390.00
0	20.0	24.5	30.5	36.5	42.0	47.0	50.0	51.0	50.0	47.0	42.0	36.5	30.5	24.5	20.0	552.00	402.00
6	19.5	24.0	29.5	35.5	41.0	45.5	48.5	49.0	48.5	45.5	41.0	35.5	29.5	24.0	19.5	536.00	390.00
12	18.5	22.5	28.0	33.0	38.0	42.0	44.5	45.5	44.5	42.0	38.0	33.0	28.0	22.5	18.5	498.50	360.50
18	17.5	21.0	25.0	29.5	33.5	37.5	39.0	39.5	39.0	37.5	33.5	29.5	25.0	21.0	17.5	445.50	318.50
24	16.0	18.5	22.0	25.5	29.0	31.5	33.0	34.0	33.0	31.5	29.0	25.5	22.0	18.5	16.0	385.00	272.00
30	13.5	16.5	18.5	22.0	24.5	26.5	28.0	28.5	28.0	26.5	24.5	22.0	18.5	16.5	13.5	327.50	230.50

**Beleuchtungsstärke:** 100 %  
**Leistungsaufnahme gemessen:** 35.0 Watt  
**Lux:** 2'070 lx  
**Summe:** 4'936.50  
**PAR pro Watt:** 141.04  
**PAR im Mittel:** 29.92



**Modul:** Zetlight ZA 2431  
**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:** 28 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	14.0	16.0	17.5	19.5	21.0	22.0	23.0	23.0	23.0	22.0	21.0	19.5	17.5	16.0	14.0	289.00	
24	16.0	17.5	19.5	21.5	23.0	24.5	25.0	25.5	25.0	24.5	23.0	21.5	19.5	17.5	16.0	319.50	213.50
18	16.5	18.5	21.0	23.5	25.5	27.0	27.5	27.5	27.5	27.0	25.5	23.5	21.0	18.5	16.5	346.50	234.50
12	17.5	19.5	22.5	24.5	27.0	28.5	29.5	30.0	29.5	28.5	27.0	24.5	22.5	19.5	17.5	368.00	249.00
6	18.0	20.0	23.0	25.5	28.0	30.0	31.0	31.0	31.0	30.0	28.0	25.5	23.0	20.0	18.0	382.00	260.00
0	18.5	20.5	23.5	26.0	28.5	30.0	31.0	32.0	31.0	30.0	28.5	26.0	23.5	20.5	18.5	388.00	263.00
6	18.0	20.0	23.0	25.5	28.0	30.0	31.0	31.0	31.0	30.0	28.0	25.5	23.0	20.0	18.0	382.00	260.00
12	17.5	19.5	22.5	24.5	27.0	28.5	29.5	30.0	29.5	28.5	27.0	24.5	22.5	19.5	17.5	368.00	249.00
18	16.5	18.5	21.0	23.5	25.5	27.0	27.5	27.5	27.5	27.0	25.5	23.5	21.0	18.5	16.5	346.50	234.50
24	16.0	17.5	19.5	21.5	23.0	24.5	25.0	25.5	25.0	24.5	23.0	21.5	19.5	17.5	16.0	319.50	213.50
30	14.0	16.0	17.5	19.5	21.0	22.0	23.0	23.0	23.0	22.0	21.0	19.5	17.5	16.0	14.0	289.00	194.00

**Beleuchtungsstärke:** 100 %  
**Leistungsaufnahme gemessen:** 35.0 Watt  
**Lux:** 1'290 lx  
**Summe:** 3'798.00  
**PAR pro Watt:** 108.51  
**PAR im Mittel:** 23.02

