

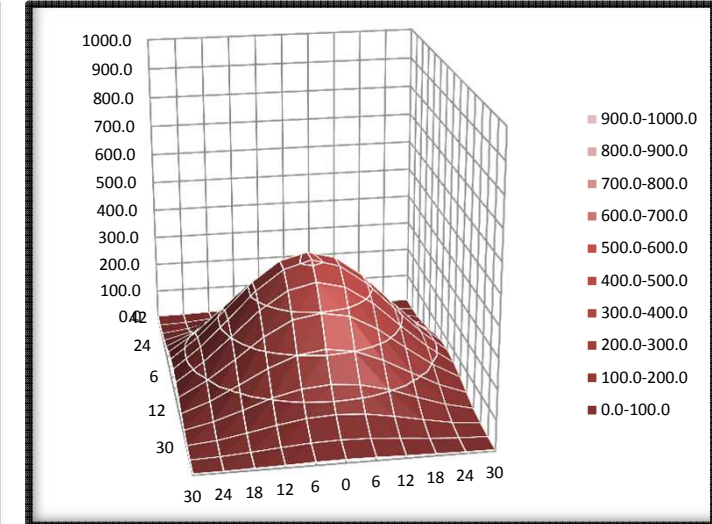
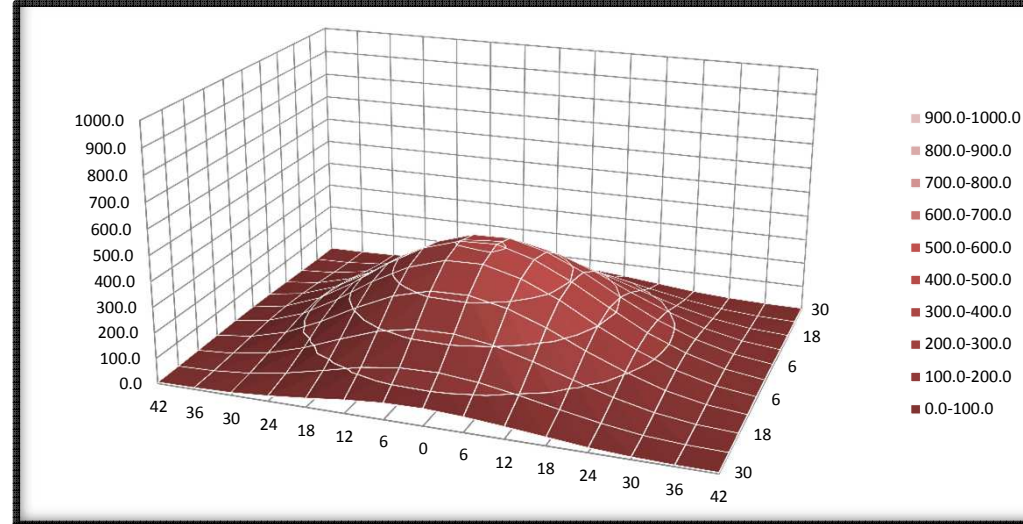
# LEDURON Aquatic Light 30W / Reefwhite; 14'000K + Blue XP

## H = 30cm

**Modul:** LEDURON Aquatic Light 30W / Reefwhite; 14'000K + Blue XP  
**Raumtemperatur:** 19 Grad Celsius **Raum:** Abgedunkelt  
**Messinstrument:** kalibriertes Spektrometer **Einheit:** PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
**Abstand von Sensor bis uk Modul:** 30 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	4.5	5.5	9.5	20.0	34.5	51.5	63.5	66.0	59.0	46.5	32.0	17.5	9.0	5.0	4.0
24	5.0	9.0	21.5	45.5	78.0	113.0	134.0	137.5	123.0	97.0	66.5	39.0	18.0	8.0	4.5
18	7.5	17.0	41.0	84.0	140.5	193.0	222.5	225.0	203.0	162.0	114.0	69.5	35.0	14.5	6.0
12	9.5	26.0	64.5	130.0	207.5	274.5	314.0	317.0	285.5	231.5	163.0	103.5	53.5	22.5	7.5
6	12.0	34.0	83.5	163.0	257.0	334.0	380.5	384.0	346.0	282.0	200.0	126.0	68.5	29.5	10.0
0	12.5	37.0	92.0	176.0	276.0	359.0	405.0	411.0	368.0	298.0	214.0	134.0	74.0	32.0	11.0
6	12.0	34.0	83.5	163.0	257.0	334.0	380.5	384.0	346.0	282.0	200.0	126.0	68.5	29.5	10.0
12	9.5	26.0	64.5	130.0	207.5	274.5	314.0	317.0	285.5	231.5	163.0	103.5	53.5	22.5	7.5
18	7.5	17.0	41.0	84.0	140.5	193.0	222.5	225.0	203.0	162.0	114.0	69.5	35.0	14.5	6.0
24	5.0	9.0	21.5	45.5	78.0	113.0	134.0	137.5	123.0	97.0	66.5	39.0	18.0	8.0	4.5
30	4.5	5.5	9.5	20.0	34.5	51.5	63.5	66.0	59.0	46.5	32.0	17.5	9.0	5.0	4.0

Beleuchtungsstärke 100 %  $x = 0.227$  **Summe** 18'463.50 16'133.00  
 Leistungsaufnahme gemessen 67.0 Watt  $y = 0.171$  **PAR pro Watt** 275.57 240.79  
 Lux 17'200 lx  $z = 0.602$  **PAR im Mittel** 111.90 199.17

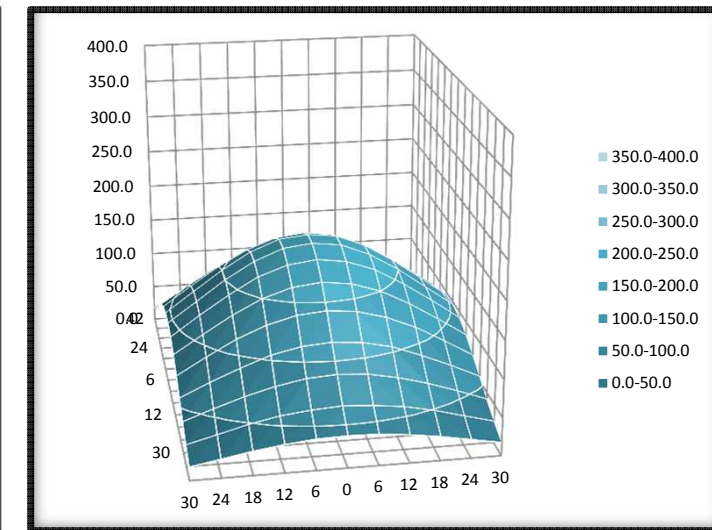
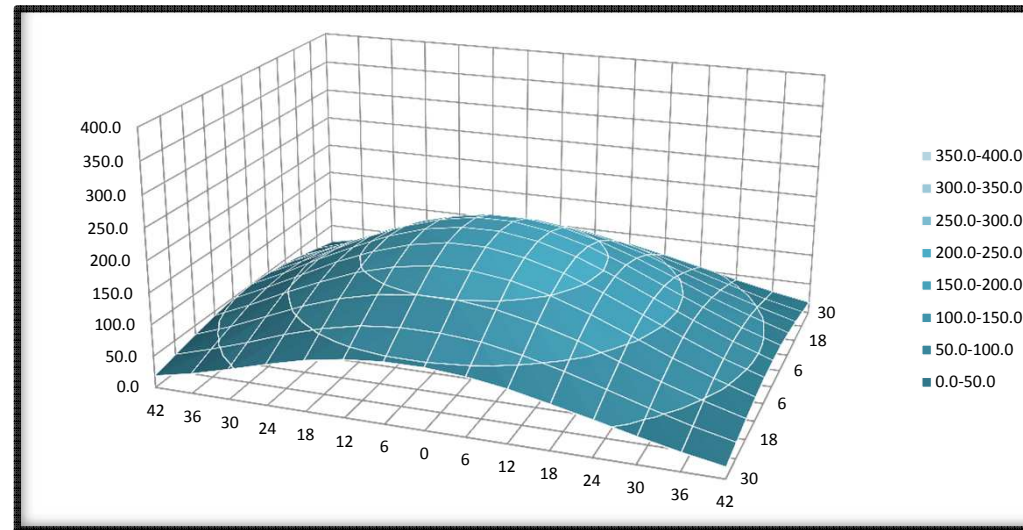


## H = 45cm

**Modul:** LEDURON Aquatic Light 30W / Reefwhite; 14'000K + Blue XP  
**Raumtemperatur:** 19 Grad Celsius **Raum:** Abgedunkelt  
**Messinstrument:** kalibriertes Spektrometer **Einheit:** PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
**Abstand von Sensor bis uk Modul:** 45 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	18.5	31.0	47.0	64.0	79.5	90.0	95.5	96.0	91.5	82.5	69.5	56.0	41.5	28.5	17.5
24	27.5	45.0	64.5	86.0	104.0	117.0	123.0	123.0	118.5	107.0	92.0	74.0	55.5	38.5	24.5
18	35.5	57.0	82.0	107.0	127.5	142.0	150.0	150.5	143.5	130.5	113.0	90.0	68.5	49.0	31.5
12	43.0	68.5	97.0	123.0	146.5	163.0	173.0	173.0	165.5	150.0	129.0	104.5	79.0	57.0	37.0
6	48.0	75.5	104.5	134.0	158.5	177.0	188.0	188.5	179.0	162.5	139.5	113.0	86.5	61.5	41.0
0	50.0	78.0	109.0	137.0	163.0	182.0	192.0	193.0	184.0	167.0	143.0	116.0	89.0	64.0	42.0
6	48.0	75.5	104.5	134.0	158.5	177.0	188.0	188.5	179.0	162.5	139.5	113.0	86.5	61.5	41.0
12	43.0	68.5	97.0	123.0	146.5	163.0	173.0	173.0	165.5	150.0	129.0	104.5	79.0	57.0	37.0
18	35.5	57.0	82.0	107.0	127.5	142.0	150.0	150.5	143.5	130.5	113.0	90.0	68.5	49.0	31.5
24	27.5	45.0	64.5	86.0	104.0	117.0	123.0	123.0	118.5	107.0	92.0	74.0	55.5	38.5	24.5
30	18.5	31.0	47.0	64.0	79.5	90.0	95.5	96.0	91.5	82.5	69.5	56.0	41.5	28.5	17.5

Beleuchtungsstärke 100 %  $x = 0.226$  **Summe** 16'213.00 11'209.00  
 Leistungsaufnahme gemessen 67.0 Watt  $y = 0.170$  **PAR pro Watt** 241.99 167.30  
 Lux 8'070 lx  $z = 0.603$  **PAR im Mittel** 98.26 138.38



## H = 60 cm

**Modul:** LEDURON Aquatic Light 30W / Reefwhite; 14'000K + Blue XP  
**Raumtemperatur:** 19 Grad Celsius **Raum:** Abgedunkelt  
**Messinstrument:** kalibriertes Spektrometer **Einheit:** PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
**Abstand von Sensor bis uk Modul:** 60 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	36.5	46.5	55.0	63.0	69.0	74.0	76.0	76.5	73.5	69.0	63.0	56.5	48.5	40.0	31.5
24	44.5	54.5	64.0	72.0	79.0	84.0	86.0	86.0	84.5	79.5	72.5	65.0	56.0	46.5	37.5
18	50.0	61.5	72.0	81.0	88.0	91.5	96.0	96.0	94.0	88.5	81.0	71.5	61.5	52.0	41.5
12	55.0	66.5	76.5	87.0	95.0	100.5	103.5	104.0	101.0	95.5	87.5	77.0	66.5	55.5	45.0
6	57.0	68.0	79.5	90.0	99.5	105.5	108.0	109.0	106.0	100.0	92.0	81.0	70.0	58.5	48.0
0	57.5	69.0	81.0	91.0	101.0	107.0	109.0	110.0	108.0	101.0	93.0	82.0	71.0	59.0	48.5
6	57.0	68.0	79.5	90.0	99.5	105.5	108.0	109.0	106.0	100.0	92.0	81.0	70.0	58.5	48.0
12	55.0	66.5	76.5	87.0	95.0	100.5	103.5	104.0	101.0	95.5	87.5	77.0	66.5	55.5	45.0
18	50.0	61.5	72.0	81.0	88.0	91.5	96.0	96.0	94.0	88.5	81.0	71.5	61.5	52.0	41.5
24	44.5	54.5	64.0	72.0	79.0	84.0	86.0	86.0	84.5	79.5	72.5	65.0	56.0	46.5	37.5
30	36.5	46.5	55.0	63.0	69.0	74.0	76.0	76.5	73.5	69.0	63.0	56.5	48.5	40.0	31.5

Beleuchtungsstärke 100 %  $x = 0.226$  **Summe** 12'299.00 7'381.00  
 Leistungsaufnahme gemessen 66.0 Watt  $y = 0.170$  **PAR pro Watt** 186.35 111.83  
 Lux 4'600 lx  $z = 0.603$  **PAR im Mittel** 74.54 91.12

