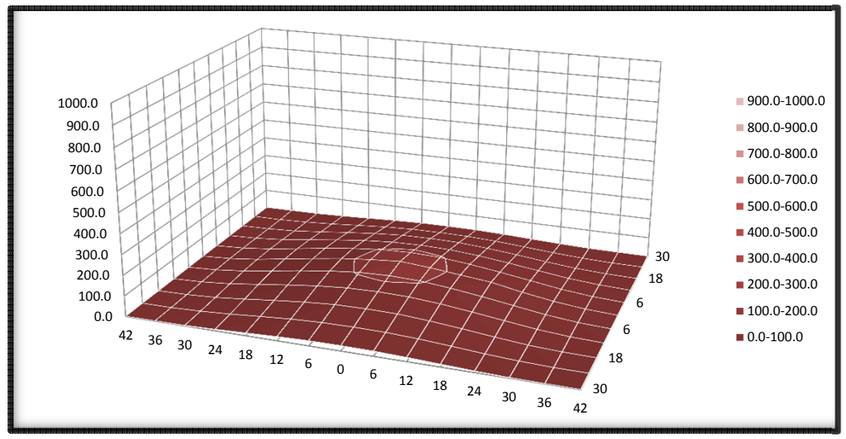
LEDURON Aquatic Light 30W; Blue XP

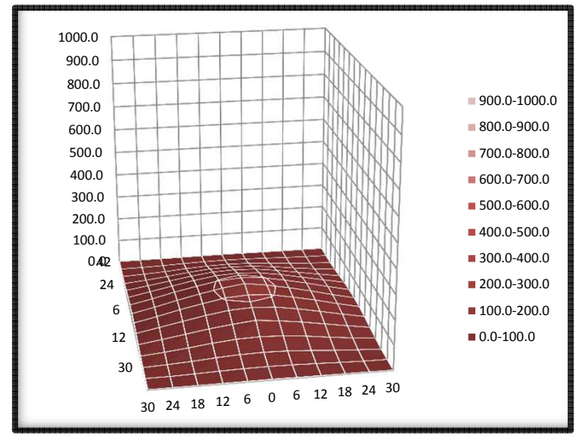
H = 30cm

Modul: **LEDURON Aquatic Light 30W; Blue XP**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 30 cm — Leistungsangabe Hersteller: 30 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	0.5	1.0	2.0	6.5	12.5	19.0	23.5	24.5	23.5	19.0	12.5	6.5	2.0	1.0	0.5	154.50	
24	1.0	1.5	6.5	15.0	26.5	37.0	43.5	45.0	43.5	37.0	26.5	15.0	6.5	1.5	1.0	307.00	289.00
18	1.0	4.0	11.5	25.5	41.5	55.5	66.0	68.0	66.0	55.5	41.5	25.5	11.5	4.0	1.0	478.00	445.00
12	1.5	7.0	19.0	37.5	56.5	73.5	85.0	88.5	85.0	73.5	56.5	37.5	19.0	7.0	1.5	648.50	593.50
6	2.0	9.5	24.5	46.5	68.5	88.0	102.5	107.0	102.5	88.0	68.5	46.5	24.5	9.5	2.0	790.00	718.00
0	2.5	10.5	26.5	49.5	72.0	93.0	108.5	120.0	108.5	93.0	78.0	49.5	26.5	10.5	2.5	851.00	772.00
6	2.0	9.5	24.5	46.5	68.5	88.0	102.5	107.0	102.5	88.0	68.5	46.5	24.5	9.5	2.0	790.00	718.00
12	1.5	7.0	19.0	37.5	56.5	73.5	85.0	88.5	85.0	73.5	56.5	37.5	19.0	7.0	1.5	648.50	593.50
18	1.0	4.0	11.5	25.5	41.5	55.5	66.0	68.0	66.0	55.5	41.5	25.5	11.5	4.0	1.0	478.00	445.00
24	1.0	1.5	6.5	15.0	26.5	37.0	43.5	45.0	43.5	37.0	26.5	15.0	6.5	1.5	1.0	307.00	289.00
30	0.5	1.0	2.0	6.5	12.5	19.0	23.5	24.5	23.5	19.0	12.5	6.5	2.0	1.0	0.5	154.50	

Beleuchtungsstärke	100 %	x =	0.148	Summe	5'607.00	4'863.00
Leistungsaufnahme gemessen	32.0 Watt	y =	0.051	**PAR pro Watt**	**175.22**	**151.97**
Lux	900 lx	z =	0.801	**PAR im Mittel**	**33.98**	**60.04**



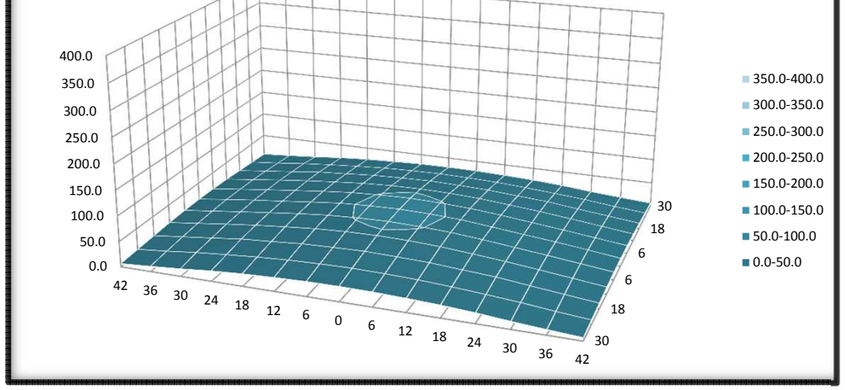


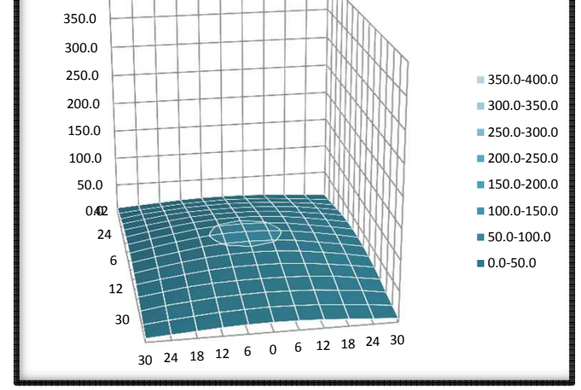
H = 45cm

Modul: **LEDURON Aquatic Light 30W; Blue XP**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 45 cm — 30 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	6.0	10.0	14.5	20.0	24.0	26.5	28.5	29.0	28.5	26.5	24.0	20.0	14.5	10.0	6.0	288.00	
24	8.5	14.0	20.5	25.5	30.0	33.5	35.5	36.5	35.5	33.5	30.0	25.5	20.5	14.0	8.5	371.50	285.50
18	11.0	17.5	24.0	31.0	35.0	39.5	41.5	43.0	41.5	39.5	35.0	31.0	24.0	17.5	11.0	442.00	337.00
12	13.5	20.5	27.5	34.0	39.5	44.5	47.5	48.5	47.5	44.5	39.5	34.0	27.5	20.5	13.5	502.50	379.50
6	15.0	22.0	29.0	35.5	42.0	47.5	50.5	52.0	50.5	47.5	42.0	35.5	29.0	22.0	15.0	535.00	403.00
0	15.5	23.0	30.0	36.0	42.5	48.5	51.5	53.0	51.5	48.5	42.5	36.0	30.0	23.0	15.5	547.00	410.00
6	15.0	22.0	29.0	35.5	42.0	47.5	50.5	52.0	50.5	47.5	42.0	35.5	29.0	22.0	15.0	535.00	403.00
12	13.5	20.5	27.5	34.0	39.5	44.5	47.5	48.5	47.5	44.5	39.5	34.0	27.5	20.5	13.5	502.50	379.50
18	11.0	17.5	24.0	31.0	35.0	39.5	41.5	43.0	41.5	39.5	35.0	31.0	24.0	17.5	11.0	442.00	337.00
24	8.5	14.0	20.5	25.5	30.0	33.5	35.5	36.5	35.5	33.5	30.0	25.5	20.5	14.0	8.5	371.50	285.50
30	6.0	10.0	14.5	20.0	24.0	26.5	28.5	29.0	28.5	26.5	24.0	20.0	14.5	10.0	6.0	288.00	

Beleuchtungsstärke	100 %	x =	0.147	Summe	4'825.00	3'220.00
Leistungsaufnahme gemessen	32.0 Watt	y =	0.050	**PAR pro Watt**	**150.78**	**100.63**
Lux	410 lx	z =	0.802	**PAR im Mittel**	**29.24**	**39.75**



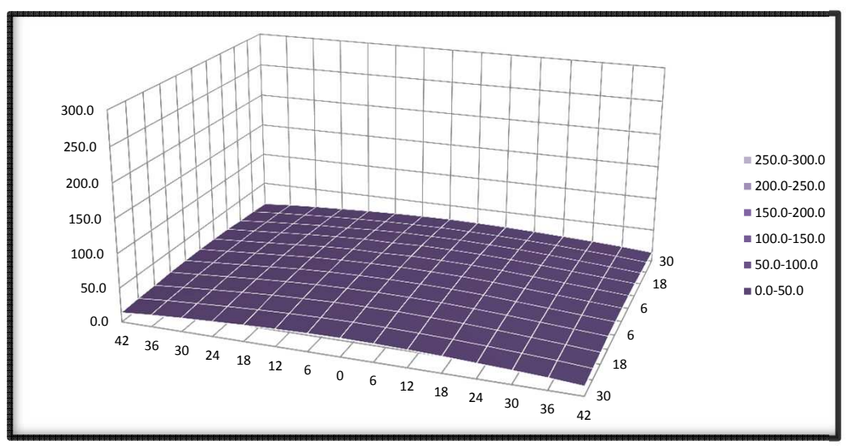


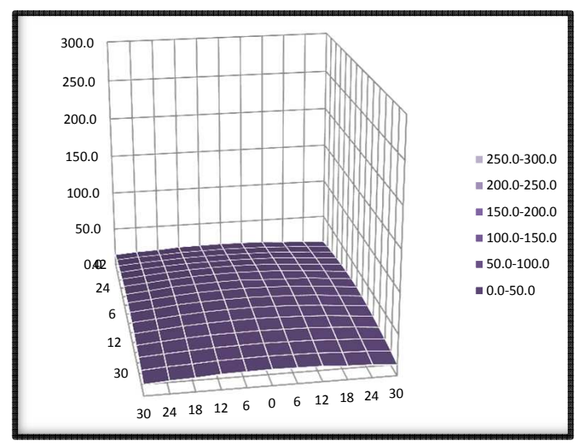
H = 60 cm

Modul: **LEDURON Aquatic Light 30W; Blue XP**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 60 cm — Leistungsangabe Hersteller: 30 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	13.5	17.0	19.5	21.5	23.5	25.0	26.0	26.5	26.0	25.0	23.5	21.5	19.5	17.0	13.5	318.50	
24	15.5	19.0	21.5	24.0	26.0	27.5	28.5	29.0	28.5	27.5	26.0	24.0	21.5	19.0	15.5	353.00	241.00
18	16.5	20.0	23.0	26.0	28.5	30.0	31.5	31.5	31.5	30.0	28.5	26.0	23.0	20.0	16.5	382.50	263.50
12	18.5	21.5	24.5	27.5	30.0	32.0	33.0	33.5	33.0	32.0	30.0	27.5	24.5	21.5	18.5	407.50	278.50
6	19.0	22.0	25.0	28.0	31.0	33.0	34.0	34.5	34.0	33.0	31.0	28.0	25.0	22.0	19.0	418.50	286.50
0	19.5	22.5	25.5	28.5	31.5	33.5	34.5	35.0	34.5	33.5	31.5	28.5	25.5	22.5	19.5	426.00	291.00
6	19.0	22.0	25.0	28.0	31.0	33.0	33.0	34.5	34.0	33.0	31.0	28.0	25.0	22.0	19.0	417.50	285.50
12	18.5	21.5	24.5	27.5	30.0	32.0	32.0	33.5	33.0	32.0	30.0	27.5	24.5	21.5	18.5	406.50	277.50
18	16.5	20.0	23.0	26.0	27.5	30.0	31.5	31.5	31.5	30.0	28.5	26.0	23.0	20.0	16.5	381.50	262.50
24	15.5	19.0	21.5	24.0	26.0	27.5	28.5	29.0	28.5	27.5	26.0	24.0	21.5	19.0	15.5	353.00	241.00
30	13.5	17.0	19.5	21.5	23.5	25.0	26.0	26.5	26.0	25.0	23.5	21.5	19.5	17.0	13.5	318.50	

Beleuchtungsstärke	100 %	x =	0.147	Summe	4'183.00	2'427.00
Leistungsaufnahme gemessen	32.0 Watt	y =	0.050	**PAR pro Watt**	**130.72**	**75.84**
Lux	200 lx	z =	0.805	**PAR im Mittel**	**25.35**	**29.96**





Erstellungsdatum: 19.01.2014