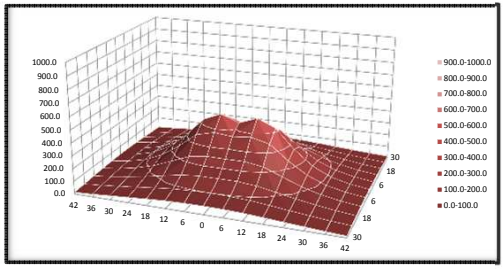
Ecotech Marine LED Radion XR30w

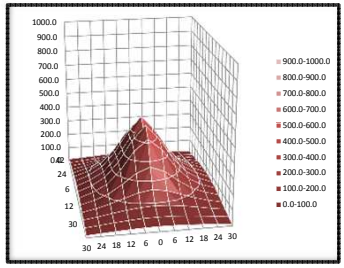
H = 30cm

Modul: Ecotech Marine LED Radion XR30w
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: 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42	
30	12.5	20.0	30.0	39.5	50.0	59.0	63.5	65.0	63.5	59.0	50.0	39.5	30.0	20.0	12.5	614.00	
24	18.0	29.0	43.0	58.0	74.5	89.0	97.0	100.5	97.0	89.0	74.5	58.0	43.0	29.0	18.0	917.50	737.50
18	24.0	38.5	59.0	82.5	110.0	137.5	150.5	150.0	150.5	137.5	110.0	82.5	59.0	38.5	24.0	1'354.00	1'111.00
12	29.0	46.5	73.5	112.0	168.0	225.5	247.5	246.0	247.5	225.5	168.0	112.0	73.5	46.5	29.0	2'050.00	1'752.00
6	32.5	52.0	83.5	142.5	235.0	347.0	383.0	369.0	383.0	347.0	235.0	142.5	83.5	52.0	32.5	2'920.00	2'584.00
0	33.5	53.5	88.5	157.5	271.0	420.0	481.0	427.0	481.0	420.0	271.0	157.5	88.5	53.5	33.5	3'437.00	3'086.00
6	32.5	52.0	83.5	142.5	235.0	347.0	383.0	369.0	383.0	347.0	235.0	142.5	83.5	52.0	32.5	2'920.00	2'584.00
12	29.0	46.5	73.5	112.0	168.0	225.5	247.5	246.0	247.5	225.5	168.0	112.0	73.5	46.5	29.0	2'050.00	1'752.00
18	24.0	38.5	59.0	82.5	110.0	137.5	150.5	150.0	150.5	137.5	110.0	82.5	59.0	38.5	24.0	1'354.00	1'111.00
24	18.0	29.0	43.0	58.0	74.5	89.0	97.0	100.5	97.0	89.0	74.5	58.0	43.0	29.0	18.0	917.50	737.50
30	12.5	20.0	30.0	39.5	50.0	59.0	63.5	65.0	63.5	59.0	50.0	39.5	30.0	20.0	12.5	614.00	

Beleuchtungsstärke 100 % — x = 0.205 — Summe 19'148.00 15'455.00
Leistungsaufnahme gemessen 117.0 Watt — y = 0.184 — **PAR pro Watt 163.66 132.09**
Lux 16'500 lx — z = 0.611 — **PAR im Mittel 116.05 190.80**



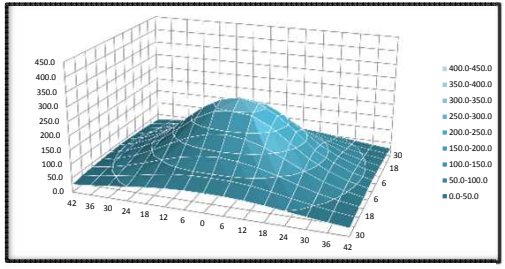


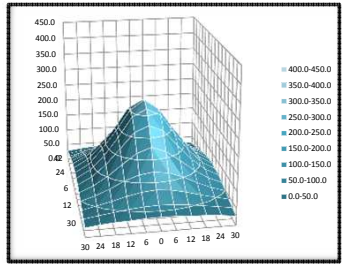
H = 45cm

Modul: Ecotech Marine LED Radion XR30w
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 45 cm — 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42	
30	27.5	34.0	41.5	49.5	57.5	63.5	67.0	68.0	67.0	63.5	57.5	49.5	41.5	34.0	27.5	749.00	
24	33.0	40.5	51.0	62.5	75.0	85.5	91.0	92.0	91.0	85.5	75.0	62.5	51.0	40.5	33.0	969.00	720.00
18	36.5	46.5	61.0	80.0	101.5	120.0	131.5	137.5	131.5	120.0	101.5	80.0	61.0	46.5	36.5	1'291.50	1'003.50
12	38.0	52.5	72.5	101.0	134.0	165.0	184.5	191.5	184.5	165.0	134.0	101.0	72.5	52.5	38.0	1'686.50	1'360.50
6	41.0	56.5	81.5	116.0	164.0	211.5	244.0	250.5	244.0	211.5	164.0	116.0	81.5	56.5	41.0	2'079.50	1'721.50
0	42.0	58.0	85.5	122.0	179.5	229.5	265.5	279.0	265.5	229.5	179.5	122.0	85.5	58.0	42.0	2'243.00	1'872.00
6	41.0	56.5	81.5	116.0	164.0	211.5	244.0	250.5	244.0	211.5	164.0	116.0	81.5	56.5	41.0	2'079.50	1'721.50
12	38.0	52.5	72.5	101.0	134.0	165.0	184.5	191.5	184.5	165.0	134.0	101.0	72.5	52.5	38.0	1'686.50	1'360.50
18	36.5	46.5	61.0	80.0	101.5	120.0	131.5	137.5	131.5	120.0	101.5	80.0	61.0	46.5	36.5	1'291.50	1'003.50
24	33.0	40.5	51.0	62.5	75.0	85.5	91.0	92.0	91.0	85.5	75.0	62.5	51.0	40.5	33.0	969.00	720.00
30	27.5	34.0	41.5	49.5	57.5	63.5	67.0	68.0	67.0	63.5	57.5	49.5	41.5	34.0	27.5	749.00	

Beleuchtungsstärke 100 % — x = 0.200 — Summe 15'794.00 11'483.00
Leistungsaufnahme gemessen 117.0 Watt — y = 0.179 — **PAR pro Watt 134.99 98.15**
Lux 10'400 lx — z = 0.621 — **PAR im Mittel 95.72 141.77**



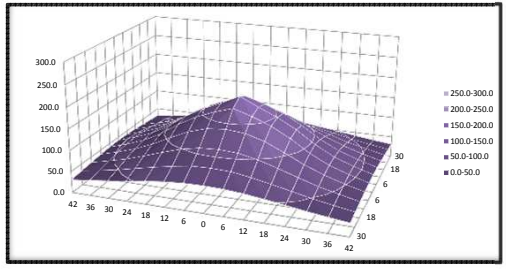


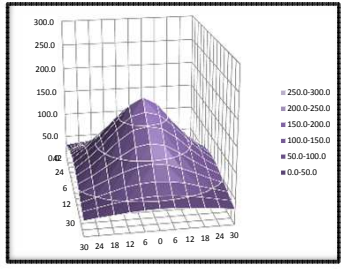
H = 60 cm

Modul: Ecotech Marine LED Radion XR30w
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: 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42	
30	30.5	35.5	41.0	47.5	53.5	59.0	62.5	63.5	62.5	59.0	53.5	47.5	41.0	35.5	30.5	722.50	
24	34.0	41.0	49.0	58.5	68.0	76.5	83.5	85.0	83.5	76.5	68.0	58.5	49.0	41.0	34.0	906.00	658.00
18	36.5	46.5	57.0	71.0	85.5	99.0	108.0	110.5	108.0	99.0	85.5	71.0	57.0	46.5	36.5	1'117.50	837.50
12	39.5	51.0	65.0	82.5	104.0	124.0	137.0	141.0	137.0	124.0	104.0	82.5	65.0	51.0	39.5	1'347.00	1'036.00
6	41.0	54.0	69.5	91.5	120.0	143.5	161.0	174.5	161.0	143.5	120.0	91.5	69.5	54.0	41.0	1'535.50	1'206.50
0	42.0	55.5	71.5	95.5	125.0	149.0	168.0	189.0	168.0	149.0	125.0	95.5	71.5	55.5	42.0	1'602.00	1'264.00
6	41.0	54.0	69.5	91.5	120.0	143.5	161.0	174.5	161.0	143.5	120.0	91.5	69.5	54.0	41.0	1'535.50	1'206.50
12	39.5	51.0	65.0	82.5	104.0	124.0	137.0	141.0	137.0	124.0	104.0	82.5	65.0	51.0	39.5	1'347.00	1'036.00
18	36.5	46.5	57.0	71.0	85.5	99.0	108.0	110.5	108.0	99.0	85.5	71.0	57.0	46.5	36.5	1'117.50	837.50
24	34.0	41.0	49.0	58.5	68.0	76.5	83.5	85.0	83.5	76.5	68.0	58.5	49.0	41.0	34.0	906.00	658.00
30	30.5	35.5	41.0	47.5	53.5	59.0	62.5	63.5	62.5	59.0	53.5	47.5	41.0	35.5	30.5	722.50	

Beleuchtungsstärke 100 % — x = 0.197 — Summe 12'859.00 8'740.00
Leistungsaufnahme gemessen 117.0 Watt — y = 0.176 — **PAR pro Watt 109.91 74.70**
Lux 6'850 lx — z = 0.627 — **PAR im Mittel 77.93 107.90**





Erstellungsdatum: 22.02.2014