

# Ecotech Marine LED Radion XR30w Pro

## H – 30cm

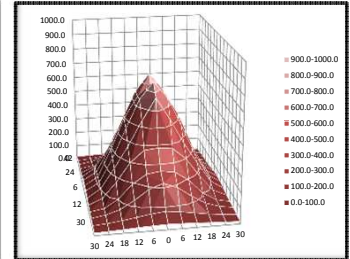
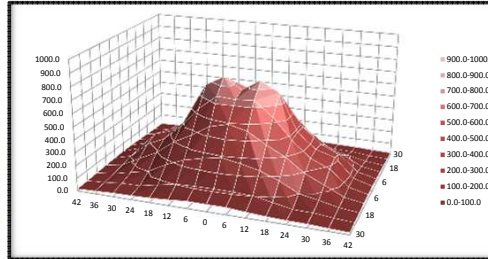
**Modul:** Ecotech Marine LED Radion XR30w Pro  
**Raumtemperatur:** 19 Grad Celsius  
**Messinstrument:** kalibriertes Spektrometer  
**Abstand von Sensor bis uk Modul:** 30 cm

**Raum:** Abgedunkelt  
**Einheit:** PAR in  $\mu\text{mol/m}^2/\text{sec}$   
**Leistungsangabe Hersteller:** ca. 170 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	16.0	21.0	28.0	30.0	35.0	44.0	56.0	55.0	56.0	44.0	35.0	30.0	23.0	21.0	16.0
24	19.5	28.0	43.0	45.0	74.0	102.0	108.0	110.0	108.0	102.0	74.0	45.0	43.0	28.0	19.5
18	23.5	39.0	71.0	100.0	175.0	232.0	265.0	291.0	265.0	232.0	175.0	100.0	71.0	39.0	23.5
12	29.0	53.0	125.0	192.0	298.0	372.0	458.0	494.0	458.0	372.0	298.0	192.0	125.0	53.0	29.0
6	32.0	68.0	189.0	252.0	374.0	532.0	644.0	656.0	644.0	532.0	374.0	252.0	189.0	68.0	32.0
0	34.5	78.0	222.0	265.0	383.0	531.0	675.0	675.0	675.0	531.0	383.0	265.0	222.0	78.0	34.5
6	32.0	68.0	189.0	252.0	374.0	532.0	644.0	656.0	644.0	532.0	374.0	252.0	189.0	68.0	32.0
12	29.0	53.0	125.0	192.0	298.0	372.0	458.0	494.0	458.0	372.0	298.0	192.0	125.0	53.0	29.0
18	23.5	39.0	71.0	100.0	175.0	232.0	265.0	291.0	265.0	232.0	175.0	100.0	71.0	39.0	23.5
24	19.5	28.0	43.0	48.0	74.0	102.0	108.0	110.0	108.0	102.0	74.0	48.0	43.0	28.0	19.5
30	16.0	21.0	28.0	30.0	35.0	44.0	56.0	55.0	56.0	44.0	35.0	30.0	28.0	21.0	16.0

Beleuchtungsstärke 100 % x = 0.215  
 Leistungsaufnahme gemessen 165.0 Watt y = 0.170  
 Lux 23400 lx z = 6.615

Summe 29333.00 25159.00  
**PAR pro Watt 177.90 152.48**  
**PAR im Mittel 177.90 305.85**



## H – 45cm

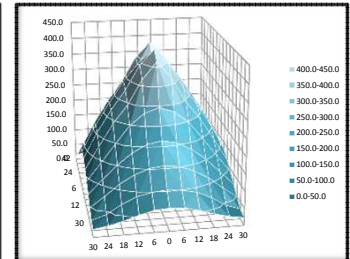
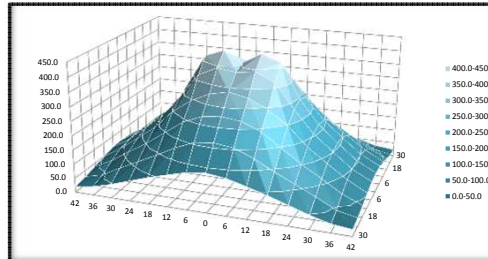
**Modul:** Ecotech Marine LED Radion XR30w Pro  
**Raumtemperatur:** 19 Grad Celsius  
**Messinstrument:** kalibriertes Spektrometer  
**Abstand von Sensor bis uk Modul:** 45 cm

**Raum:** Abgedunkelt  
**Einheit:** PAR in  $\mu\text{mol/m}^2/\text{sec}$   
**Leistungsangabe Hersteller:** ca. 170 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	20.0	30.0	48.0	70.0	92.0	111.0	129.0	137.0	129.0	111.0	92.0	70.0	48.0	30.0	20.0
24	28.0	44.0	79.0	111.0	143.0	178.0	205.0	213.0	205.0	178.0	143.0	111.0	79.0	44.0	28.0
18	38.0	70.0	112.0	151.0	197.0	243.0	270.0	278.0	270.0	243.0	197.0	151.0	112.0	70.0	38.0
12	50.0	90.0	136.0	184.0	249.0	295.0	326.0	340.0	326.0	295.0	249.0	184.0	136.0	90.0	50.0
6	61.0	99.0	152.0	206.0	282.0	336.0	369.0	387.0	369.0	336.0	282.0	206.0	152.0	99.0	61.0
0	63.0	103.0	157.0	214.0	296.0	415.0	439.0	402.0	439.0	415.0	296.0	214.0	157.0	103.0	63.0
6	61.0	99.0	152.0	206.0	282.0	336.0	369.0	387.0	369.0	336.0	282.0	206.0	152.0	99.0	61.0
12	50.0	90.0	136.0	184.0	249.0	295.0	326.0	340.0	326.0	295.0	249.0	184.0	136.0	90.0	50.0
18	38.0	70.0	112.0	151.0	197.0	243.0	270.0	278.0	270.0	243.0	197.0	151.0	112.0	70.0	38.0
24	28.0	44.0	79.0	111.0	143.0	178.0	205.0	213.0	205.0	178.0	143.0	111.0	79.0	44.0	28.0
30	20.0	30.0	48.0	70.0	92.0	111.0	129.0	137.0	129.0	111.0	92.0	70.0	48.0	30.0	20.0

Beleuchtungsstärke 100 % x = 0.211  
 Leistungsaufnahme gemessen 165.0 Watt y = 0.160  
 Lux 13500 lx z = 6.629

Summe 27562.00 21711.00  
**PAR pro Watt 167.04 131.58**  
**PAR im Mittel 167.04 256.42**



## H – 60 cm

**Modul:** Ecotech Marine LED Radion XR30w Pro  
**Raumtemperatur:** 19 Grad Celsius  
**Messinstrument:** kalibriertes Spektrometer  
**Abstand von Sensor bis uk Modul:** 60 cm

**Raum:** Abgedunkelt  
**Einheit:** PAR in  $\mu\text{mol/m}^2/\text{sec}$   
**Leistungsangabe Hersteller:** ca. 170 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	33.0	46.5	60.5	76.0	92.0	104.5	111.5	113.5	111.0	104.5	92.0	75.5	60.0	46.0	32.5
24	44.5	59.5	76.5	97.5	115.0	126.5	134.0	136.5	134.0	126.5	115.0	97.0	76.0	59.0	44.5
18	54.0	71.5	92.0	115.5	133.0	145.5	152.0	156.5	152.0	145.5	133.0	115.0	91.5	71.5	54.0
12	61.0	79.5	104.5	128.5	151.0	168.0	175.0	179.0	175.0	168.0	151.0	128.5	104.5	79.0	61.0
6	64.5	85.0	110.5	135.0	168.0	202.0	205.5	204.0	208.0	202.0	168.0	134.5	110.5	84.5	64.5
0	66.5	87.0	113.5	137.0	175.5	213.0	221.0	212.0	221.0	213.0	175.5	137.0	113.5	87.0	66.5
6	64.5	85.0	110.5	135.0	168.0	202.0	205.5	204.0	208.0	202.0	168.0	134.5	110.5	84.5	64.5
12	61.0	79.5	104.5	128.5	151.0	168.0	175.0	179.0	175.0	168.0	151.0	128.5	104.5	79.0	61.0
18	54.0	71.5	92.0	115.5	133.0	146.0	152.0	156.5	152.0	146.0	133.0	115.0	91.5	71.5	54.0
24	44.5	59.5	76.5	97.5	115.0	127.0	134.0	136.5	134.0	127.0	115.0	97.0	76.0	59.0	44.5
30	32.5	46.0	60.5	76.0	92.0	104.5	111.5	113.5	111.0	104.5	92.0	75.5	60.0	46.0	32.5

Beleuchtungsstärke 100 % x = 0.210  
 Leistungsaufnahme gemessen 165.0 Watt y = 0.160  
 Lux 7300 lx z = 6.630

Summe 18934.00 13356.50  
**PAR pro Watt 114.75 80.95**  
**PAR im Mittel 114.75 154.02**

