

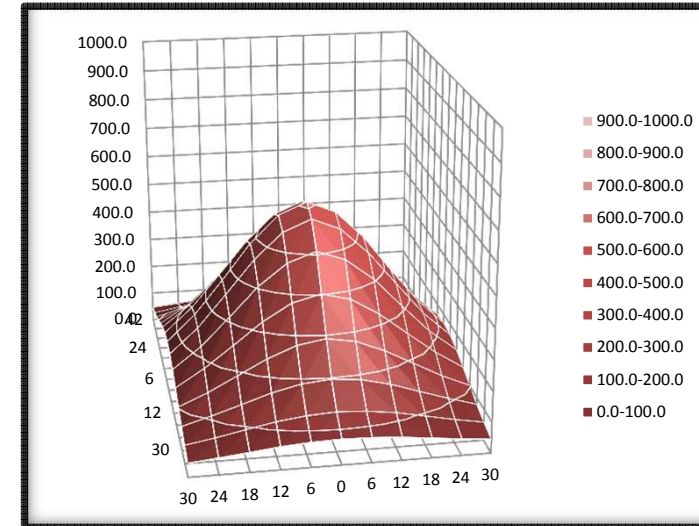
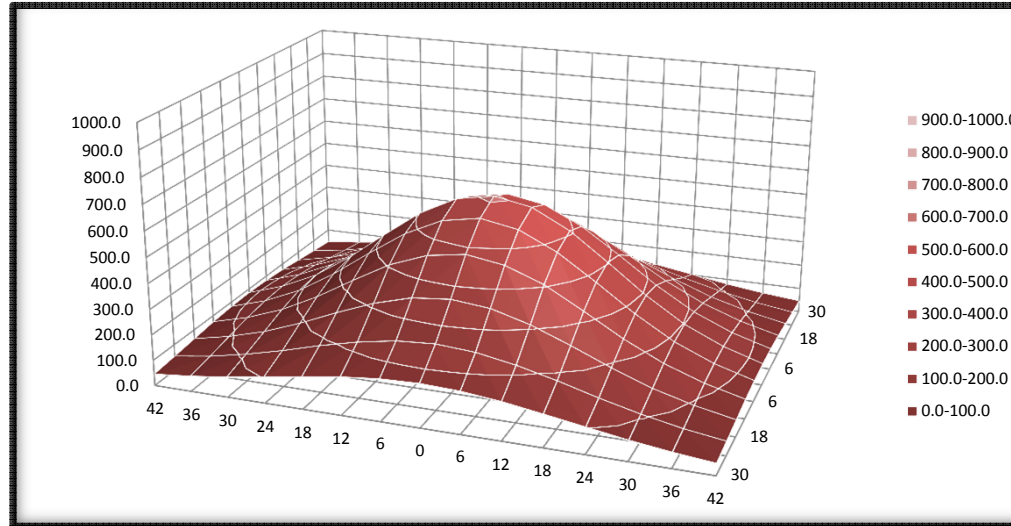
# Philips CoralCare

## H = 30cm

Modul: Philips CoralCare  
 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: 190 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	45.0	59.5	78.5	102.0	125.5	148.0	163.5	169.0	163.5	148.0	125.5	102.0	78.5	59.5	45.0
24	54.0	75.5	105.5	142.0	183.5	219.0	245.5	255.5	245.5	219.0	183.5	142.0	105.5	75.5	54.0
18	64.0	94.5	135.5	190.5	253.0	310.5	352.0	366.5	352.0	310.5	253.0	190.5	135.5	94.5	64.0
12	74.5	113.0	166.5	239.0	324.5	406.0	461.0	484.0	461.0	406.0	324.5	239.0	166.5	113.0	74.5
6	81.0	125.0	188.5	276.5	379.5	476.5	546.0	572.5	546.0	476.5	379.5	276.5	188.5	125.0	81.0
0	83.5	130.5	197.5	292.0	403.0	509.0	584.0	611.0	584.0	509.0	403.0	292.0	197.5	130.5	83.5
6	81.0	125.0	188.5	276.5	379.5	476.5	546.0	572.5	546.0	476.5	379.5	276.5	188.5	125.0	81.0
12	74.5	113.0	166.5	239.0	324.5	406.0	461.0	484.0	461.0	406.0	324.5	239.0	166.5	113.0	74.5
18	64.0	94.5	135.5	190.5	253.0	310.5	352.0	366.5	352.0	310.5	253.0	190.5	135.5	94.5	64.0
24	54.0	75.5	105.5	142.0	183.5	219.0	245.5	255.5	245.5	219.0	183.5	142.0	105.5	75.5	54.0
30	45.0	59.5	78.5	102.0	125.5	148.0	163.5	169.0	163.5	148.0	125.5	102.0	78.5	59.5	45.0

1'613.00  
 2'305.50 1'835.50  
 3'166.50 2'578.50  
 4'053.00 3'345.00  
 4'718.50 3'929.50  
 5'010.00 4'187.00  
 4'718.50 3'929.50  
 4'053.00 3'345.00  
 3'166.50 2'578.50  
 2'304.50 1'834.50  
 1'613.00



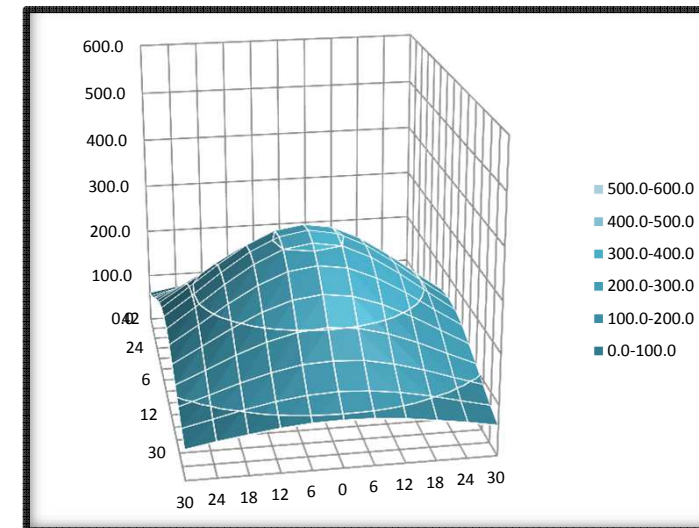
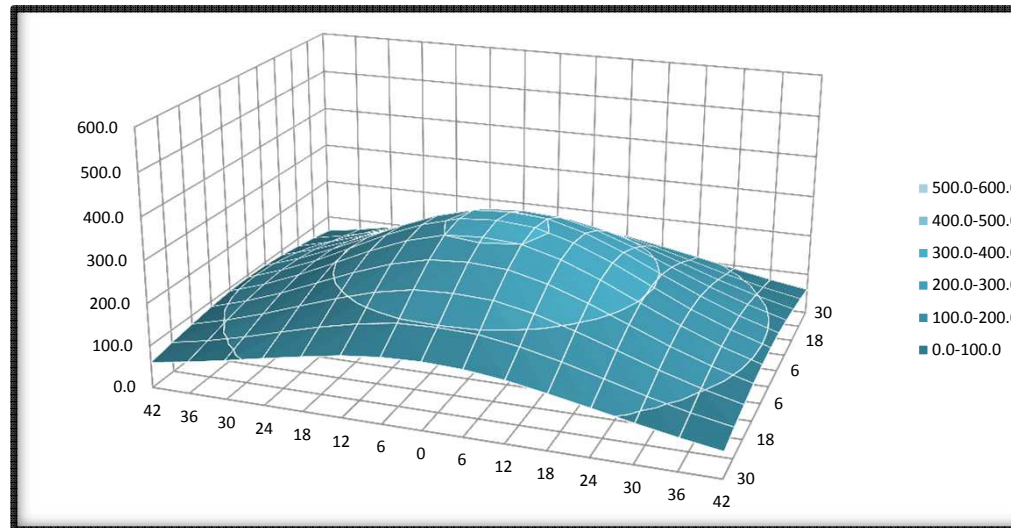
Beleuchtungsstärke 100 % x = 0.220 Summe 36'722.00 27'563.00  
 Leistungsaufnahme gemessen 190.0 Watt y = 0.149 **PAR pro Watt 193.27 145.07**  
 Lux 24'890 lx z = 0.606 **PAR im Mittel 222.56 340.28**

## H = 45cm

Modul: Philips CoralCare  
 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: 190 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	60.0	74.5	91.5	110.0	127.5	143.5	153.5	157.0	153.5	143.5	127.5	110.0	91.5	74.5	60.0
24	70.5	88.0	110.0	135.0	159.5	180.0	194.5	197.5	194.5	180.0	159.5	135.0	110.0	88.0	70.5
18	79.0	102.0	129.5	161.0	191.5	218.5	236.5	240.5	236.5	218.5	191.5	161.0	129.5	102.0	79.0
12	87.0	113.5	145.5	182.5	219.5	251.5	273.5	279.0	273.5	251.5	219.5	182.5	145.5	113.5	87.0
6	92.0	121.0	157.0	197.5	239.5	275.5	300.0	306.0	300.0	275.5	239.5	197.5	157.0	121.0	92.0
0	93.5	124.0	160.0	203.0	247.0	283.5	309.0	316.0	309.0	283.5	247.0	203.0	160.0	124.0	93.5
6	92.0	121.0	157.0	197.5	239.5	275.5	300.0	306.0	300.0	275.5	239.5	197.5	157.0	121.0	92.0
12	87.0	113.5	145.5	182.5	219.5	251.5	273.5	279.0	273.5	251.5	219.5	182.5	145.5	113.5	87.0
18	79.0	102.0	129.5	161.0	191.5	218.5	236.5	240.5	236.5	218.5	191.5	161.0	129.5	102.0	79.0
24	70.5	88.0	110.0	135.0	159.5	180.0	194.5	197.5	194.5	180.0	159.5	135.0	110.0	88.0	70.5
30	60.0	74.5	91.5	110.0	127.5	143.5	153.5	157.0	153.5	143.5	127.5	110.0	91.5	74.5	60.0

1'678.00  
 2'072.50 1'535.50  
 2'476.50 1'855.50  
 2'825.00 2'133.00  
 3'071.00 2'331.00  
 3'156.00 2'401.00  
 3'071.00 2'331.00  
 2'825.00 2'133.00  
 2'476.50 1'855.50  
 2'072.50 1'535.50  
 1'678.00



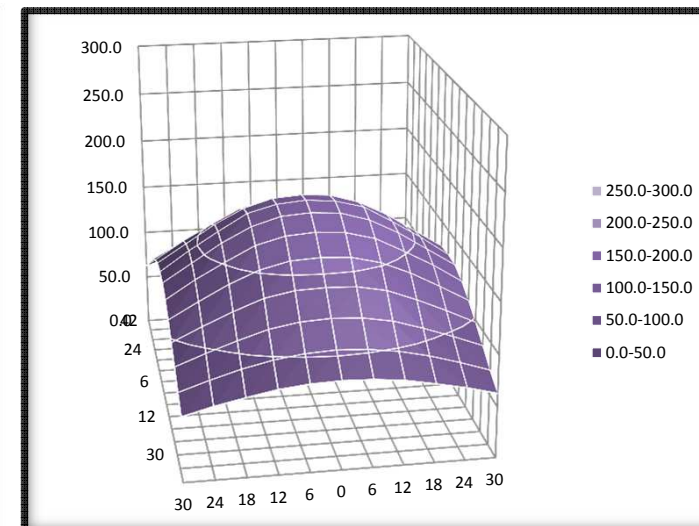
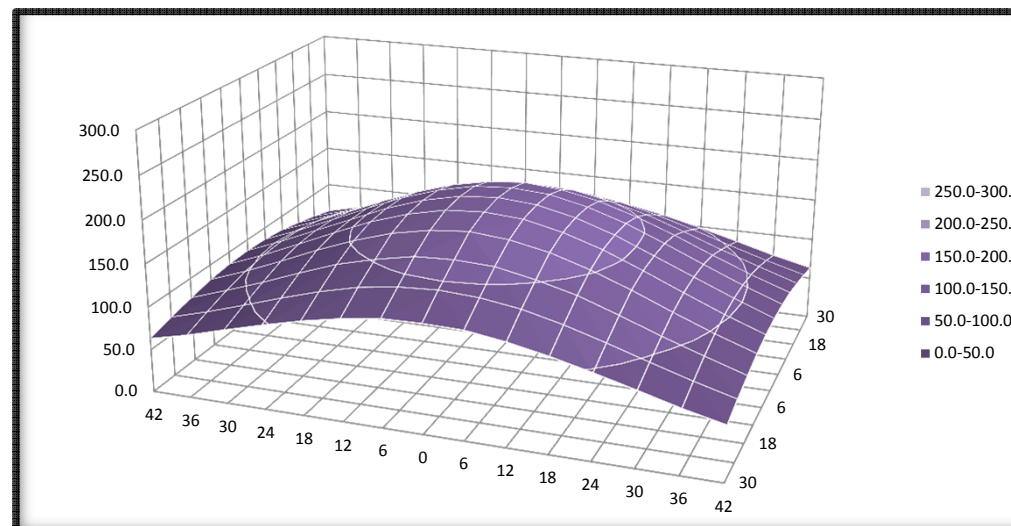
Beleuchtungsstärke 100 % x = 0.220 Summe 27'402.00 18'111.00  
 Leistungsaufnahme gemessen 190.0 Watt y = 0.149 **PAR pro Watt 144.22 95.32**  
 Lux 12'930 lx z = 0.606 **PAR im Mittel 166.07 223.59**

## H = 60 cm

Modul: Philips CoralCare  
 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: 190 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	63.0	73.5	86.0	98.0	109.0	118.0	124.5	125.5	124.5	118.0	109.0	98.0	86.0	73.5	63.0
24	70.5	83.0	97.0	111.5	125.0	136.0	142.5	145.0	142.5	136.0	125.0	111.5	97.0	83.0	70.5
18	76.5	91.5	107.0	124.0	140.0	151.5	160.5	162.5	160.5	151.5	140.0	124.0	107.0	91.5	76.5
12	82.0	98.0	116.0	135.0	152.0	166.0	175.0	179.0	175.0	166.0	152.0	135.0	116.0	98.0	82.0
6	85.0	102.0	121.0	140.5	159.0	173.5	183.5	186.5	183.5	173.5	159.0	140.5	121.0	102.0	85.0
0	86.0	103.5	122.5	141.5	160.5	175.5	185.5	189.0	185.5	175.5	160.5	141.5	122.5	103.5	86.0
6	85.0	102.0	121.0	140.5	159.0	173.5	183.5	186.5	183.5	173.5	159.0	140.5	121.0	102.0	85.0
12	82.0	98.0	116.0	135.0	152.0	166.0	175.0	179.0	175.0	166.0	152.0	135.0	116.0	98.0	82.0
18	76.5	91.5	107.0	124.0	140.0	151.5	160.5	162.5	160.5	151.5	140.0	124.0	107.0	91.5	76.5
24	70.5	83.0	97.0	111.5	125.0	136.0	142.5	145.0	142.5	136.0	125.0	111.5	97.0	83.0	70.5
30	63.0	73.5	86.0	98.0	109.0	118.0	124.5	125.5	124.5	118.0	109.0	98.0	86.0	73.5	63.0

1'469.50  
 1'676.00 1'175.00  
 1'864.50 1'314.50  
 2'027.00 1'435.00  
 2'115.50 1'499.50  
 2'139.00 1'515.00  
 2'115.50 1'499.50  
 2'027.00 1'435.00  
 1'864.50 1'314.50  
 1'676.00 1'175.00  
 1'469.50



Beleuchtungsstärke 100 % x = 0.220 Summe 20'444.00 12'363.00  
 Leistungsaufnahme gemessen 190.0 Watt y = 0.149 **PAR pro Watt 107.60 65.07**  
 Lux 7'780 lx z = 0.606 **PAR im Mittel 123.90 152.63**