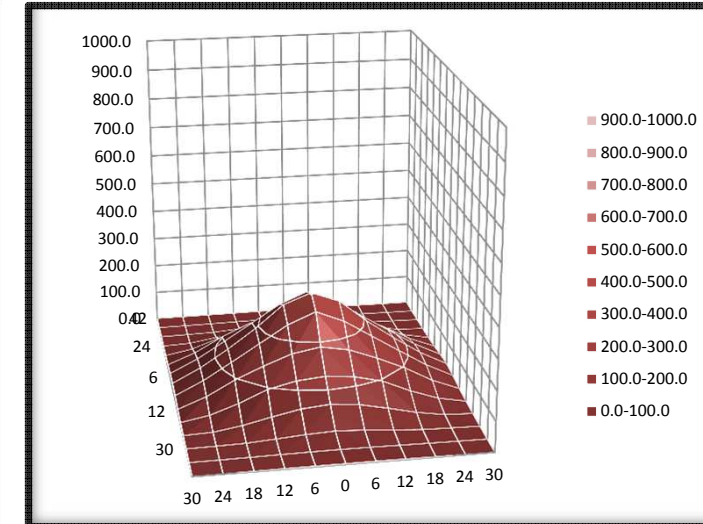
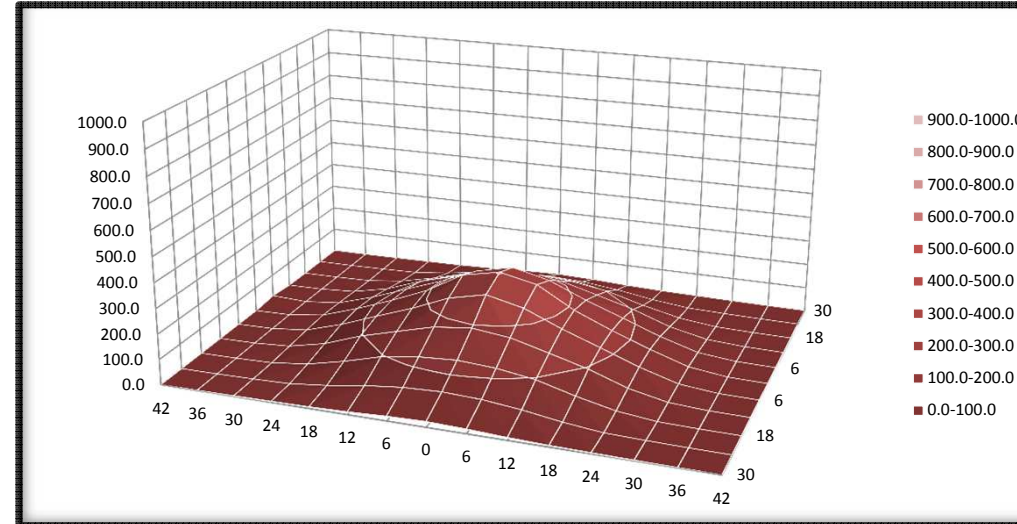


# Kessil A360 N

## H = 30cm

Modul: Kessil A360 N  
 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: 90 Watt

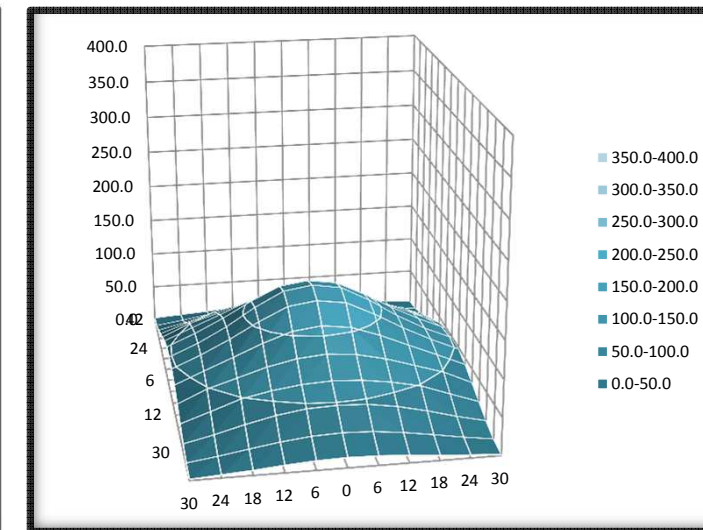
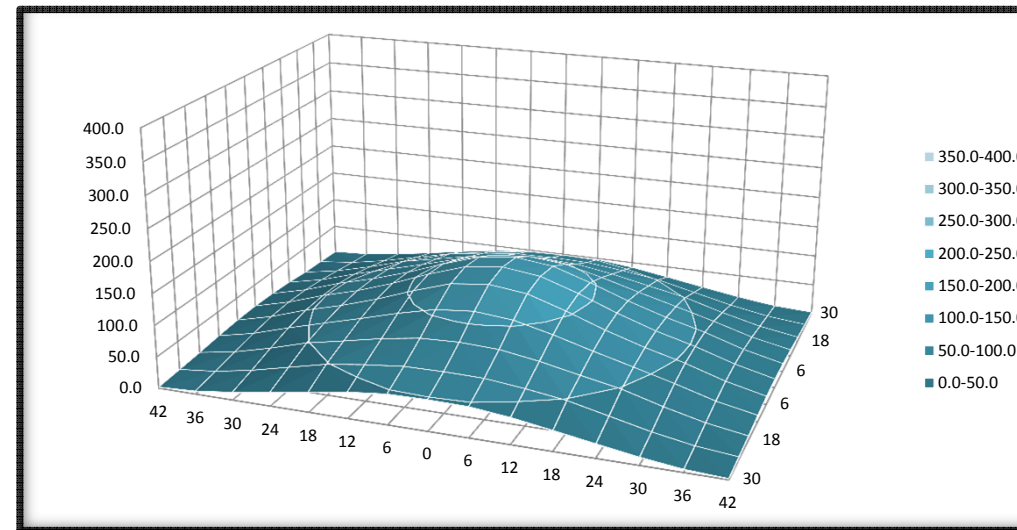
cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42					
30	0.0	0.5	2.0	4.0	6.0	10.5	17.5	21.5	17.5	10.5	6.0	4.0	2.0	0.5	0.0	102.50				
24	0.0	1.0	3.5	7.5	23.5	46.5	62.5	68.5	62.5	46.5	23.5	7.5	3.5	1.0	0.0	357.50	348.50			
18	0.5	2.0	5.5	22.5	56.0	96.5	118.5	127.5	118.5	96.5	56.0	22.5	5.5	2.0	0.5	730.50	714.50			
12	1.0	3.0	12.0	44.0	96.5	137.0	176.0	193.0	176.0	137.0	96.5	44.0	12.0	3.0	1.0	1'132.00	1'100.00			
6	1.5	4.0	19.0	63.5	118.5	172.0	234.0	268.0	234.0	172.0	118.5	63.5	19.0	4.0	1.5	1'493.00	1'444.00			
0	1.5	4.5	23.5	72.0	127.0	188.5	272.5	303.0	272.5	188.5	127.0	72.0	23.5	4.5	1.5	1'682.00	1'623.00			
6	10.0	4.0	19.0	63.5	118.5	172.0	234.0	268.0	234.0	172.0	118.5	63.5	19.0	4.0	1.5	1'501.50	1'444.00			
12	1.0	3.0	12.0	44.0	96.5	137.0	176.0	193.0	176.0	137.0	96.5	44.0	12.0	3.0	1.0	1'132.00	1'100.00			
18	0.5	2.0	5.5	22.5	56.0	96.5	118.5	127.5	118.5	96.5	56.0	22.5	5.5	2.0	0.5	730.50	714.50			
24	0.0	1.0	3.5	7.5	23.5	46.5	62.5	68.5	62.5	46.5	23.5	7.5	3.5	1.0	0.0	357.50	348.50			
30	0.0	0.5	2.0	4.0	6.0	10.5	17.5	21.5	17.5	10.5	6.0	4.0	2.0	0.5	0.0	102.50	97.50			
Beleuchtungsstärke																100 %	x = 0.215	Summe	9'321.50	8'934.50
Leistungsaufnahme gemessen																69.4 Watt	y = 0.203	<b>PAR pro Watt</b>	<b>134.32</b>	<b>128.74</b>
Lux																13'300 lx	z = 0.581	<b>PAR im Mittel</b>	<b>56.49</b>	<b>109.10</b>



## H = 45cm

Modul: Kessil A360 N  
 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: 90 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42					
30	1.5	4.5	12.0	21.5	31.5	41.0	47.5	48.5	47.5	41.0	31.5	21.5	12.0	4.5	1.5	367.50				
24	4.0	10.0	21.0	35.0	49.0	57.5	64.0	65.0	64.0	57.5	49.0	35.0	21.0	10.0	4.0	546.00	476.00			
18	6.5	16.5	31.5	49.0	61.0	73.5	83.0	85.5	83.0	73.5	61.0	49.0	31.5	16.5	6.5	727.50	618.50			
12	10.0	22.5	40.5	57.0	73.0	90.0	104.5	110.0	104.5	90.0	73.0	57.0	40.5	22.5	10.0	905.00	759.00			
6	12.5	27.0	46.5	62.5	81.5	103.5	123.0	130.0	123.0	103.5	81.5	62.5	46.5	27.0	12.5	1'043.00	871.00			
0	13.5	28.5	48.0	64.5	85.0	108.5	128.5	136.0	128.5	108.5	85.0	64.5	48.0	28.5	13.5	1'089.00	909.00			
6	12.5	27.0	46.5	62.5	81.5	103.5	123.0	130.0	123.0	103.5	81.5	62.5	46.5	27.0	12.5	1'043.00	871.00			
12	10.0	22.5	40.5	57.0	73.0	90.0	104.5	110.0	104.5	90.0	73.0	57.0	40.5	22.5	10.0	905.00	759.00			
18	6.0	16.5	31.5	49.0	61.0	73.5	83.0	85.5	83.0	73.5	61.0	49.0	31.5	16.5	6.5	727.00	618.50			
24	4.0	10.0	21.0	35.0	49.0	57.5	64.0	65.0	64.0	57.5	49.0	35.0	21.0	10.0	4.0	546.00	476.00			
30	1.5	4.5	12.0	21.5	31.5	41.0	47.5	48.5	47.5	41.0	31.5	21.5	12.0	4.5	1.5	367.50	331.50			
Beleuchtungsstärke																100 %	x = 0.215	Summe	8'266.50	6'689.50
Leistungsaufnahme gemessen																69.4 Watt	y = 0.203	<b>PAR pro Watt</b>	<b>119.11</b>	<b>96.39</b>
Lux																6'000 lx	z = 0.583	<b>PAR im Mittel</b>	<b>50.10</b>	<b>78.49</b>



## H = 60 cm

Modul: Kessil A360 N  
 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: 90 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42					
30	13.0	19.0	25.5	32.0	36.0	39.5	42.0	43.0	42.0	39.5	36.0	32.0	25.5	19.0	13.0	457.00				
24	17.5	24.5	31.5	37.0	43.0	47.5	51.0	52.0	51.0	47.5	43.0	37.0	31.5	24.5	17.5	556.00	409.00			
18	21.5	29.5	35.5	42.5	49.5	55.5	60.5	62.5	60.5	55.5	49.5	42.5	35.5	29.5	21.5	651.50	478.50			
12	24.5	32.5	39.0	47.0	55.5	64.0	70.0	72.0	70.0	64.0	55.5	47.0	39.0	32.5	24.5	737.00	545.00			
6	26.5	33.5	41.0	49.5	59.5	69.0	76.0	79.0	76.0	69.0	59.5	49.5	41.0	33.5	26.5	789.00	587.00			
0	27.5	34.5	42.0	51.0	61.0	71.0	78.5	81.0	78.5	71.0	61.0	51.0	42.0	34.5	27.5	812.00	604.00			
6	26.5	33.5	42.0	49.5	59.5	69.0	76.0	79.0	76.0	69.0	59.5	49.5	42.0	33.5	26.5	791.00	587.00			
12	24.5	32.5	39.0	47.0	55.5	64.0	70.0	72.0	70.0	64.0	55.5	47.0	39.0	32.5	24.5	737.00	545.00			
18	21.5	29.5	35.5	42.5	49.5	55.5	60.5	62.5	60.5	55.5	49.5	42.5	35.5	29.5	21.5	651.50	478.50			
24	17.5	24.5	31.5	37.0	43.0	47.5	51.0	52.0	51.0	47.5	43.0	37.0	31.5	24.5	17.5	556.00	409.00			
30	13.0	19.0	25.5	32.0	36.0	39.5	42.0	43.0	42.0	39.5	36.0	32.0	25.5	19.0	13.0	457.00	342.00			
Beleuchtungsstärke																100 %	x = 0.216	Summe	7'195.00	4'985.00
Leistungsaufnahme gemessen																69.4 Watt	y = 0.203	<b>PAR pro Watt</b>	<b>103.67</b>	<b>71.83</b>
Lux																3'550 lx	z = 0.581	<b>PAR im Mittel</b>	<b>43.61</b>	<b>57.32</b>

