

Newly Style 3W LED Full Spectrum Dimmable LED Reef Light 120W

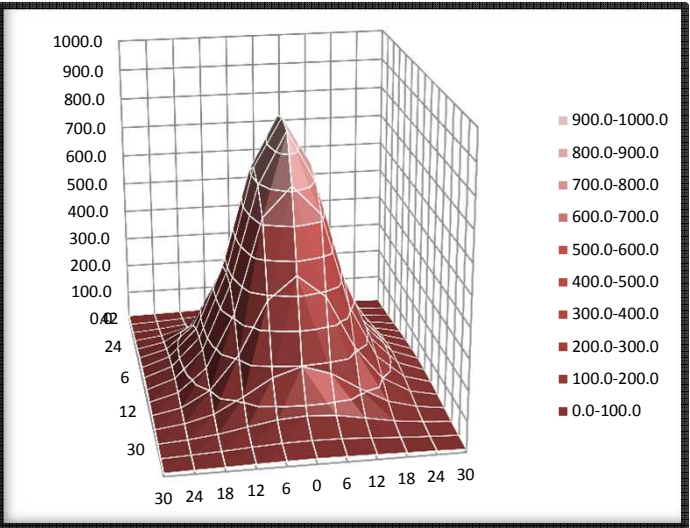
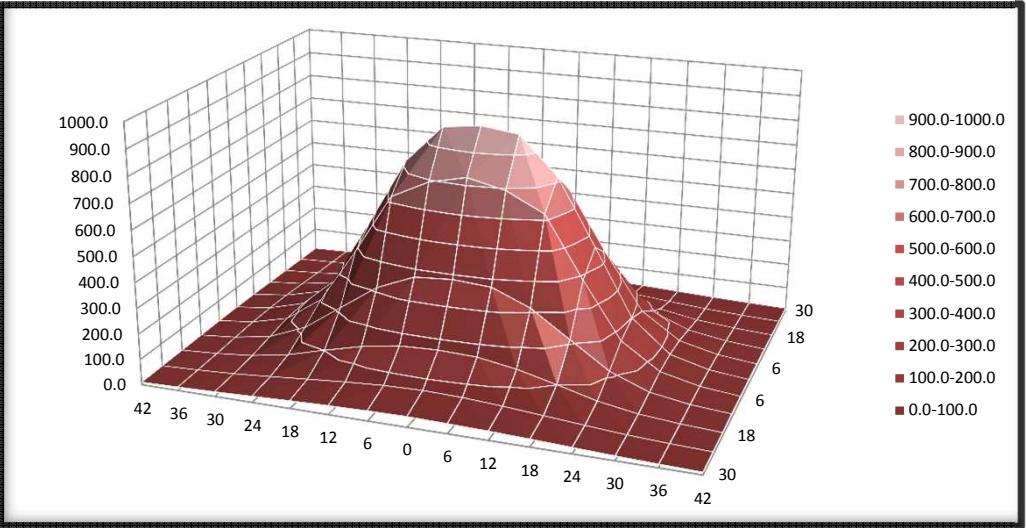
Modul:
Raumtemperatur:
Messinstrument:
Abstand von Sensor bis uk Modul:

Newly Style 3W LED Full Spectrum Dimmable LED Reef Light 120W
19 Grad Celsius
kalibriertes Spektrometer
30 cm

Raum:
Einheit:
Leistungsangabe Hersteller:

Abgedunkelt
PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	9.5	13.0	17.5	23.5	29.5	34.5	38.0	40.5	38.0	34.5	29.5	23.5	17.5	13.0	9.5	371.50	
24	11.5	17.0	24.5	36.0	48.5	60.5	70.0	74.0	70.0	60.5	48.5	36.0	24.5	17.0	11.5	610.00	504.00
18	13.0	21.5	35.0	60.5	100.5	137.5	162.0	167.5	162.0	137.5	100.5	60.5	35.0	21.5	13.0	1'227.50	1'088.50
12	15.0	27.5	52.0	111.0	212.0	313.0	374.0	384.0	374.0	313.0	212.0	111.0	52.0	27.5	15.0	2'593.00	2'404.00
6	16.5	32.5	68.0	168.0	385.0	621.0	693.5	727.0	693.5	621.0	385.0	168.0	68.0	32.5	16.5	4'696.00	4'462.00
0	17.5	34.0	74.0	198.5	459.5	716.0	864.0	882.0	864.0	716.0	459.5	198.5	74.0	34.0	17.5	5'609.00	5'358.00
6	16.5	32.5	68.0	168.0	385.0	621.0	693.5	727.0	693.5	621.0	385.0	168.0	68.0	32.5	16.5	4'696.00	4'462.00
12	15.0	27.5	52.0	111.0	212.0	313.0	374.0	384.0	374.0	313.0	212.0	111.0	52.0	27.5	15.0	2'593.00	2'404.00
18	13.0	21.5	35.0	60.5	100.5	137.5	162.0	167.5	162.0	137.5	100.5	60.5	35.0	21.5	13.0	1'227.50	1'088.50
24	11.5	17.0	24.5	36.0	48.5	60.5	70.0	74.0	70.0	60.5	48.5	36.0	24.5	17.0	11.5	610.00	504.00
30	9.5	13.0	17.5	23.5	29.5	34.5	38.0	40.5	38.0	34.5	29.5	23.5	17.5	13.0	9.5	371.50	291.50
Beleuchtungsstärke					100 %				x = 0.193				Summe				24'605.00 22'566.50
Leistungsaufnahme gemessen					98.0 Watt				y = 0.114				PAR pro Watt				251.07 230.27
Lux					26'500 lx				z = 0.693				PAR im Mittel				149.12 275.00



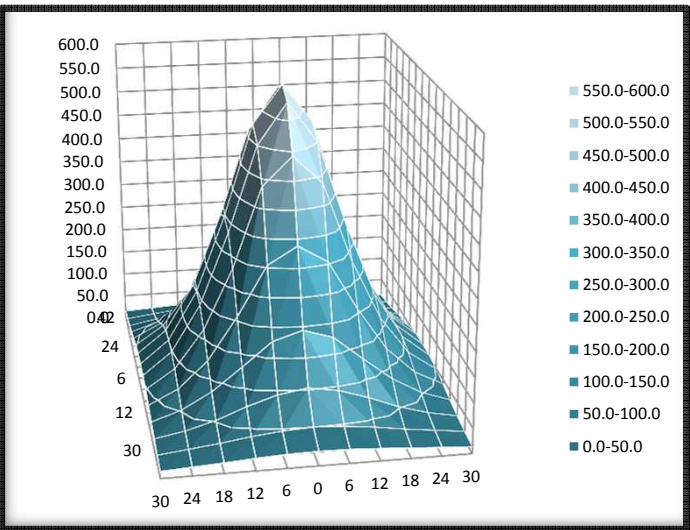
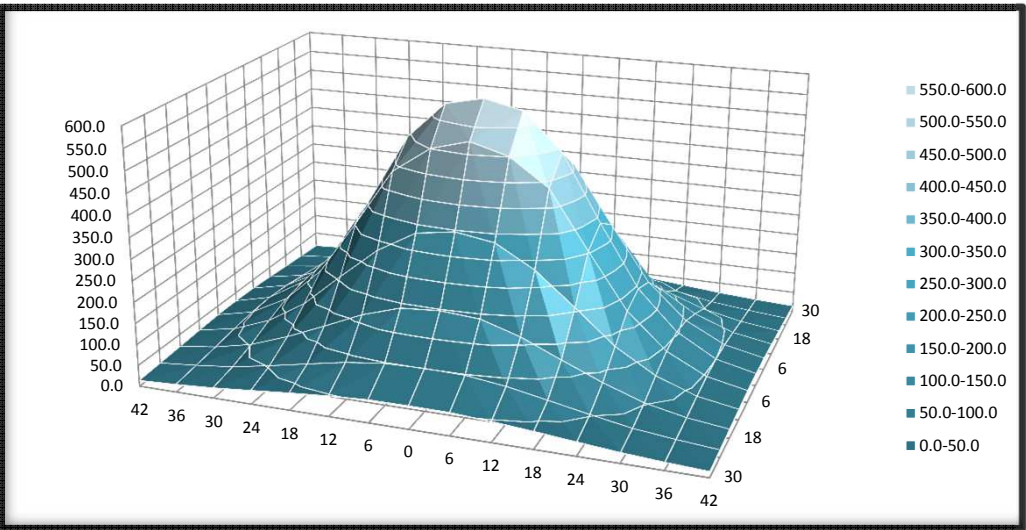
Modul:
Raumtemperatur:
Messinstrument:
Abstand von Sensor bis uk Modul:

Newly Style 3W LED Full Spectrum Dimmable LED Reef Light 120W
19 Grad Celsius
kalibriertes Spektrometer
45 cm

Raum:
Einheit:
Leistungsangabe Hersteller:

Abgedunkelt
PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	13.5	18.0	24.0	32.0	40.5	48.0	53.5	54.0	53.5	48.0	40.5	32.0	24.0	18.0	13.5	513.00	
24	17.0	25.0	35.0	51.5	69.5	87.0	98.5	100.5	98.5	87.0	69.5	51.5	35.0	25.0	17.0	867.50	713.50
18	20.5	32.0	51.5	84.0	122.5	162.5	191.0	197.5	191.0	162.5	122.5	84.0	51.5	32.0	20.5	1'525.50	1'317.50
12	24.5	40.5	74.5	129.0	207.0	281.5	333.0	347.0	333.0	281.5	207.0	129.0	74.5	40.5	24.5	2'527.00	2'248.00
6	27.5	47.0	93.5	176.0	304.5	438.5	501.0	526.0	501.0	438.5	304.5	176.0	93.5	47.0	27.5	3'702.00	3'366.00
0	28.5	50.0	103.0	194.0	338.5	493.0	580.0	602.0	580.0	493.0	338.5	194.0	103.0	50.0	28.5	4'176.00	3'813.00
6	27.5	47.0	93.5	176.0	304.5	438.5	501.0	526.0	501.0	438.5	304.5	176.0	93.5	47.0	27.5	3'702.00	3'366.00
12	24.5	40.5	74.5	129.0	207.0	281.5	333.0	347.0	333.0	281.5	207.0	129.0	74.5	40.5	24.5	2'527.00	2'248.00
18	20.5	32.0	51.5	84.0	122.5	162.5	191.0	197.5	191.0	162.5	122.5	84.0	51.5	32.0	20.5	1'525.50	1'317.50
24	17.0	25.0	35.0	51.5	69.5	87.0	98.5	100.5	98.5	87.0	69.5	51.5	35.0	25.0	17.0	867.50	713.50
30	13.5	18.0	24.0	32.0	40.5	48.0	53.5	54.0	53.5	48.0	40.5	32.0	24.0	18.0	13.5	513.00	402.00
Beleuchtungsstärke					100 %				x = 0.191				Summe				22'446.00 19'505.00
Leistungsaufnahme gemessen					98.0 Watt				y = 0.112				PAR pro Watt				229.04 199.03
Lux					17'700 lx				z = 0.697				PAR im Mittel				136.04 235.84



Modul:
Raumtemperatur:
Messinstrument:
Abstand von Sensor bis uk Modul:

Newly Style 3W LED Full Spectrum Dimmable LED Reef Light 120W
19 Grad Celsius
kalibriertes Spektrometer
60 cm

Raum:
Einheit:
Leistungsangabe Hersteller:

Abgedunkelt
PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	60	18	24	30	36	42		
30	17.0	22.5	31.0	40.0	51.0	60.0	67.5	69.5	67.5	60.0	51.0	40.0	31.0	22.5	17.0	647.50	
24	21.0	30.0	43.5	61.5	81.5	99.5	115.0	118.5	115.0	99.5	81.5	61.5	43.5	30.0	21.0	1'022.50	833.50
18	26.5	40.5	61.5	90.5	125.5	158.5	181.5	191.0	181.5	158.5	125.5	90.5	61.5	40.5	26.5	1'560.00	1'303.00
12	31.0	51.0	81.5	126.0	183.5	238.0	270.0	284.5	270.0	238.0	183.5	126.0	81.5	51.0	31.0	2'246.50	1'919.50
6	34.0	60.0	99.5	157.0	237.0	320.5	363.0	377.5	363.0	320.5	237.0	157.0	99.5	60.0	34.0	2'919.50	2'532.50
0	36.0	63.5	106.0	166.5	261.0	355.5	404.0	420.0	404.0	355.5	261.0	166.5	106.0	63.5	36.0	3'205.00	2'794.00
6	34.0	60.0	99.5	157.0	237.0	320.5	363.0	377.5	363.0	320.5	237.0	157.0	99.5	60.0	34.0	2'919.50	2'532.50
12	31.0	51.0	81.5	126.0	183.5	238.0	270.0	284.5	270.0	238.0	183.5	126.0	81.5	51.0	31.0	2'246.50	1'919.50
18	26.5	40.5	61.5	90.5	125.5	158.5	181.5	191.0	181.5	158.5	125.5	90.5	61.5	40.5	26.5	1'560.00	1'303.00
24	21.0	30.0	43.5	61.5	81.5	99.5	115.0	118.5	115.0	99.5	81.5	61.5	43.5	30.0	21.0	1'022.50	833.50
30	17.0	22.5	31.0	40.0	51.0	60.0	67.5	69.5	67.5	60.0	51.0	40.0	31.0	22.5	17.0	647.50	506.50
Beleuchtungsstärke					100 %				x = 0.189				Summe				19'997.00 16'477.50
Leistungsaufnahme gemessen					98.0 Watt				y = 0.109				PAR pro Watt				204.05 168.14
Lux					12'075 lx				z = 0.702				PAR im Mittel				121.19 197.17

