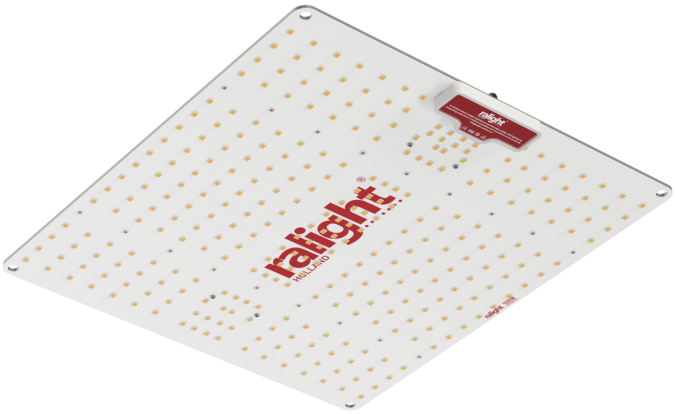
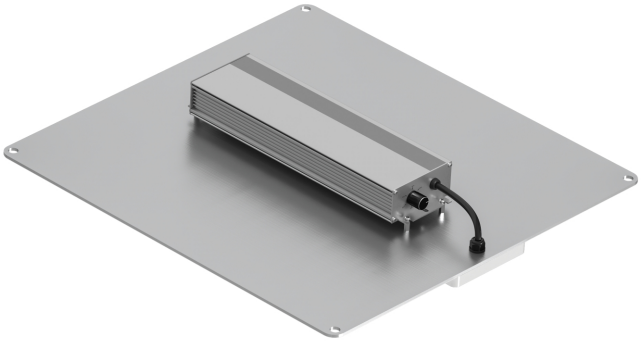
LED 120W Quantum Board

- Sun-Like Full Spectrum
- Dimmable Ballast
- Uniform Light Distribution

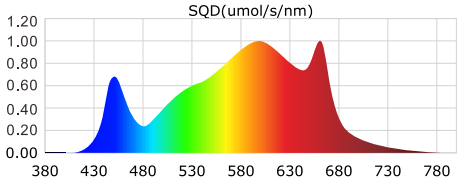


Specifications

Input Voltage: 220-240 Volt AC
Rated Power: 120w±5%
Current Consumption: 0.5A-0.54A at 120w
Power factor: 0,98
LED: LEDESTAR
PPF Efficacy: 2.7 umol/J
BTU: 408
IP Rating: IP44
Product dimensions (LxWxH): 360*340*60mm
Package dimensions (LxWxH): 380*350*65mm
Gross Weight: 2.4kg
Operating Temperature: -25-40°C
Housing Material: Aluminum
Lifetime: 50,000H
Warranty: 2 Years



Spectrum



3500K 660nm

Maximize plant growth and quality

This powerful, full-spectrum light source is intended for full-ermplant growth from the vegetative stages to higher-light-requiring bloom and finishing stages.

PAR Distribution

Height of 30cm

30	41	55	54	40	29
38	85	178	179	81	39
49	169	578	553	166	52
48	166	574	554	162	53
37	82	178	175	80	38
28	40	53	53	39	31

120CM (height) × 120CM (width)

Height of 60cm

55	60	85	83	65	53
63	104	144	145	106	65
87	146	211	207	142	85
85	141	209	210	139	83
64	105	141	143	103	62
56	67	83	82	65	55

120CM (height) × 120CM (width)

Height of 90cm

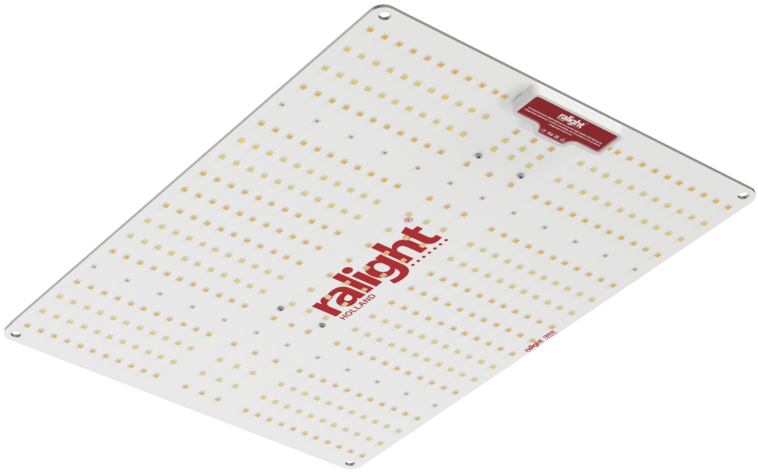
71	74	92	93	76	71
74	92	109	111	96	75
80	111	125	127	108	81
79	109	126	125	106	80
73	94	113	109	95	73
72	75	92	90	74	69

120CM (height) × 120CM (width)

info@ralight-holland.com

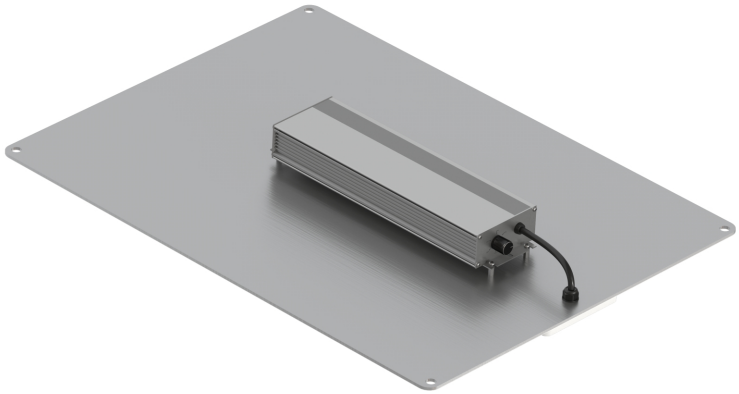
LED 180W Quantum Board

- Sun-Like Full Spectrum
- Dimmable Ballast
- Uniform Light Distribution

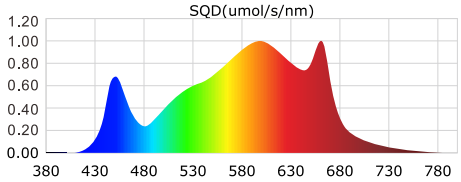


Specifications

Input Voltage: 220-240 Volt AC
Rated Power: 180w±5%
Current Consumption: 0.75-0.82A at 180w
Power factor: 0,98
LED: LEDESTAR
PPF Efficacy: 2.7 umol/J
BTU: 612
IP Rating: IP44
Product dimensions (LxWxH): 460*340*60mm
Package dimensions (LxWxH): 480*350*65mm
Gross Weight: 2.8kg
Operating Temperature: -25-40°C
Housing Material: Aluminum
Lifetime: 50,000H
Warranty: 2 Years



Spectrum



3500K 660nm

Maximize plant growth and quality

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PAR Distribution

Height of 30cm

51	66	105	100	67	49
60	136	324	331	128	59
75	218	738	739	211	76
75	214	741	742	209	73
61	131	327	330	130	60
52	68	104	102	66	49

120CM (height) × 120CM (width)

Height of 60cm

99	115	143	144	113	96
114	173	237	235	169	109
128	225	329	327	221	126
129	220	327	330	218	128
111	168	238	239	165	108
99	112	145	146	115	97

120CM (height) × 120CM (width)

Height of 90cm

121	128	155	160	131	121
131	160	180	182	164	130
141	178	216	215	181	136
139	180	213	210	182	137
128	161	183	180	159	128
124	130	156	156	129	119

120CM (height) × 120CM (width)

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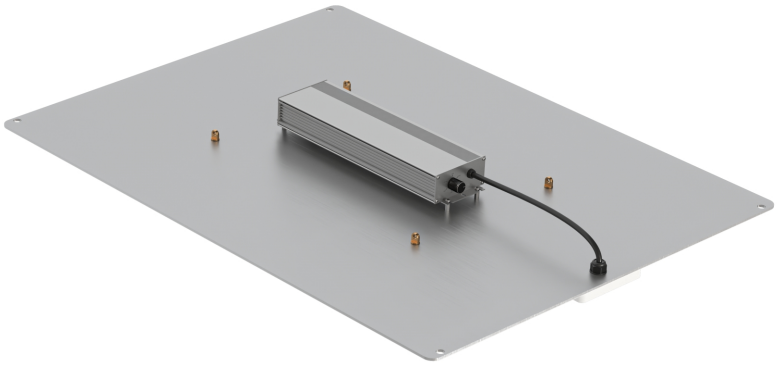
LED 240W Quantum Board

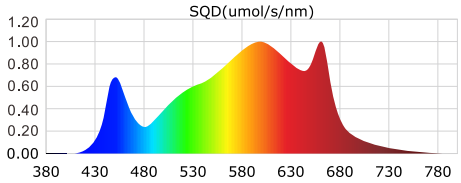
- Sun-Like Full Spectrum
- Dimmable Ballast
- Uniform Light Distribution

Specifications

Input Voltage: 220-240 Volt AC
Rated Power: 240w±5%
Current Consumption: 1.0-1.1A at 240w
Power factor: 0,98
LED: LEDESTAR
PPF Efficacy: 2.7 umol/J
BTU: 816
IP Rating: IP44
Product dimensions (LxWxH): 600*450*60mm
Package dimensions (LxWxH):620*460*65mm
Gross Weight: 2.8kg
Operating Temperature: -25-40°C
Housing Material: Aluminum
Lifetime: 50,000H
Warranty: 2 Years



Spectrum



3500K 660nm

Maximize plant growth and quality

This powerful, full-spectrum light source is intended for full-ermplant growth from the vegetative stages to higher-light-requiring bloom and finishing stages.

PAR Distribution

Height of 30cm

64	81	120	119	80	63
81	184	382	383	182	82
103	327	855	864	323	100
100	324	860	863	320	102
80	179	386	382	179	79
61	80	118	117	82	63

120CM (vertical) 120CM (horizontal)

Height of 60cm

114	140	173	170	137	114
129	203	275	271	199	132
157	264	374	370	263	155
158	260	369	373	260	154
131	199	277	275	201	129
111	139	169	171	135	110

120CM (vertical) 120CM (horizontal)

Height of 90cm

136	155	173	170	151	132
152	188	209	201	182	150
162	205	233	229	205	160
160	203	231	232	201	161
149	184	206	203	185	148
134	152	171	171	148	130

120CM (vertical) 120CM (horizontal)

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