



ClearFlood gen2 BVP657

configuration: Configuration October 16, 2025

Id : 2955

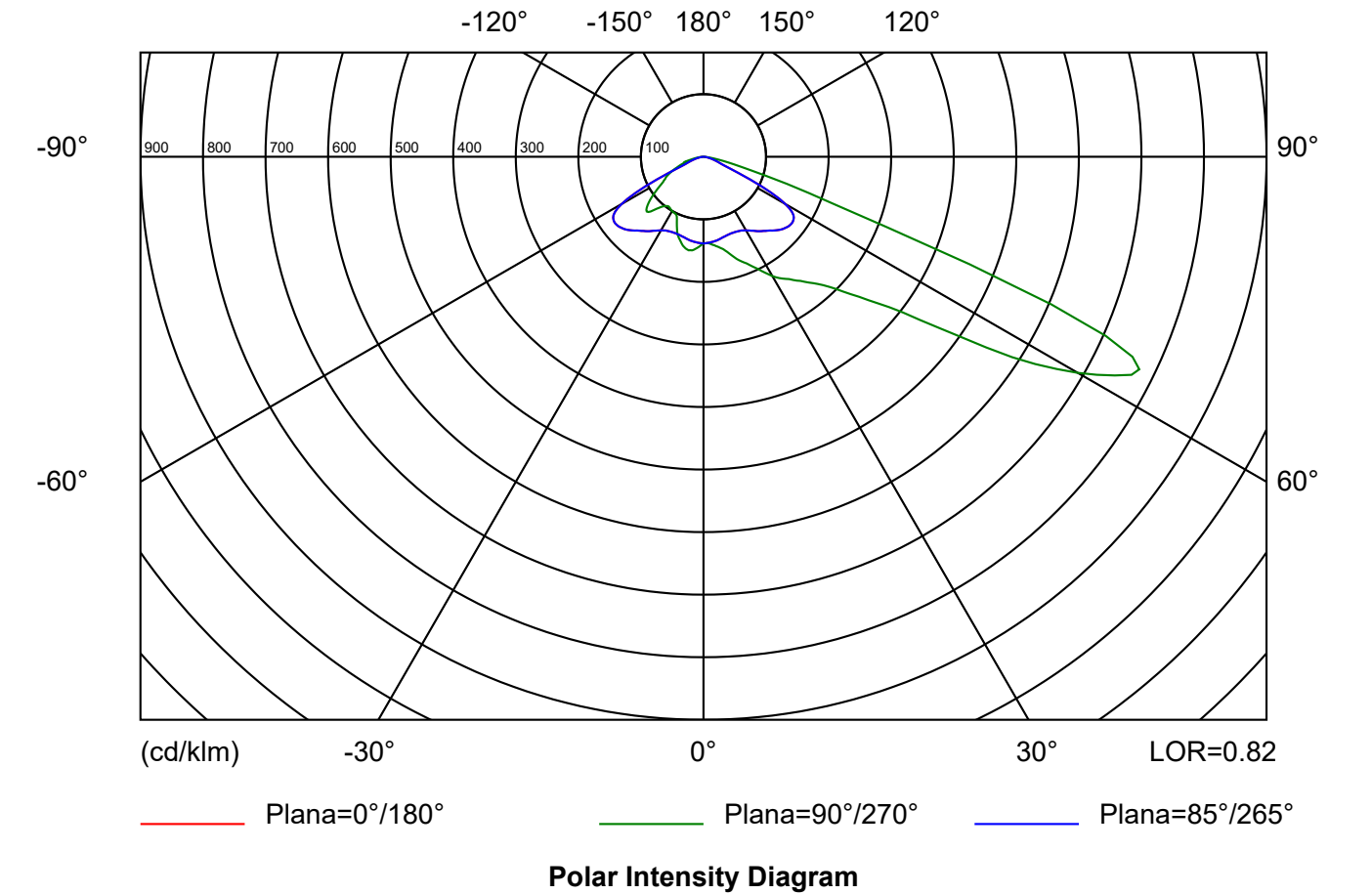


Description	BVP657 T25 LED930/740 A65-WB FG 93000lm
Luminaire	ClearFlood gen2 BVP657
CCT/CRI	740
Optic	A65-WB FG
Number of Leds	252 (Standard)
Initial Light Source Flux	LED930
Driver name	Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt
Driver type	FP
Driver Sap Id	142:142:142
Control method	DALI
Constant Light Output	No

This new generation of Clearflood range brings the total cost of ownership of your project to the next level. The range comes in 3 sizes (BVP655, BVP656, BVP657) with several finishing and serviceability options, and leverages on the light engine of our Recreational Sports & Area flagship floodlight. This light engine is optimized for sports applications, as well as large areas, such as logistical hubs, outdoor car parks and storage area. Now an innovative design approach allows the availability of connected options such as the SR socket, fully integrated on the floodlight housing, and a multi-sensor on the bracket. The product range is compatible with Interact systems.

Optic Characteristics

Light Output Ratio	0.82
ULR (at tilt = 0°)	0.0 %
G* (at tilt = 0°)	G3*
Imax (at 90° and above)	1 cd/klm
CIE code	27 66 98 100 82
B angle	65°



Lamp Color and Flux Characteristics

Initial Light Source Flux	LED930
System Flux	76169 lm
System Flux Tolerance	7%
Lumen Maintenance	95% (100kHrs)
Light Source Color	740 (Neutral White)
Init. Color Rendering Index	70
Init. CRI Tolerance	+/- 2
Init. Corr. Color Temperature	4000 K
Init. Tolerance	+/- 180 K (5 SDCM)
End of Life Tolerance	+/- 255 K

Energy and Electric Characteristics

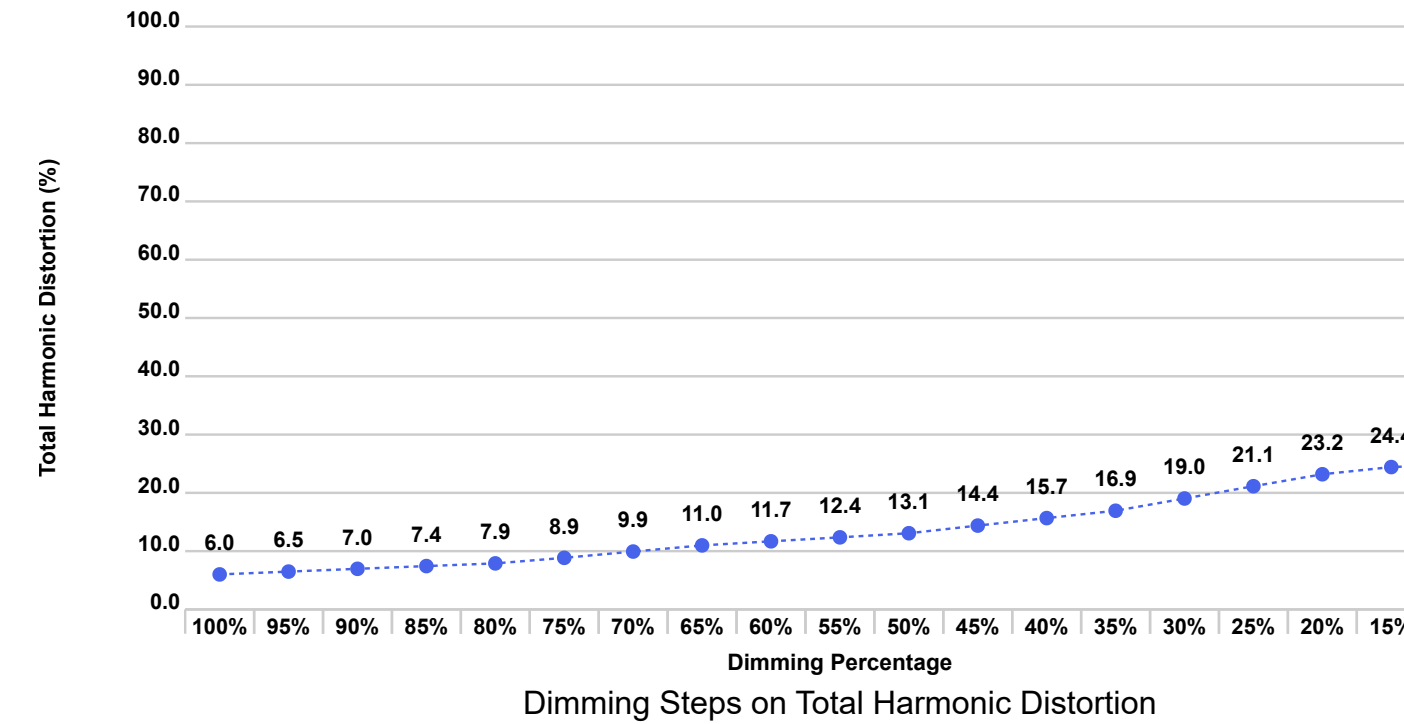
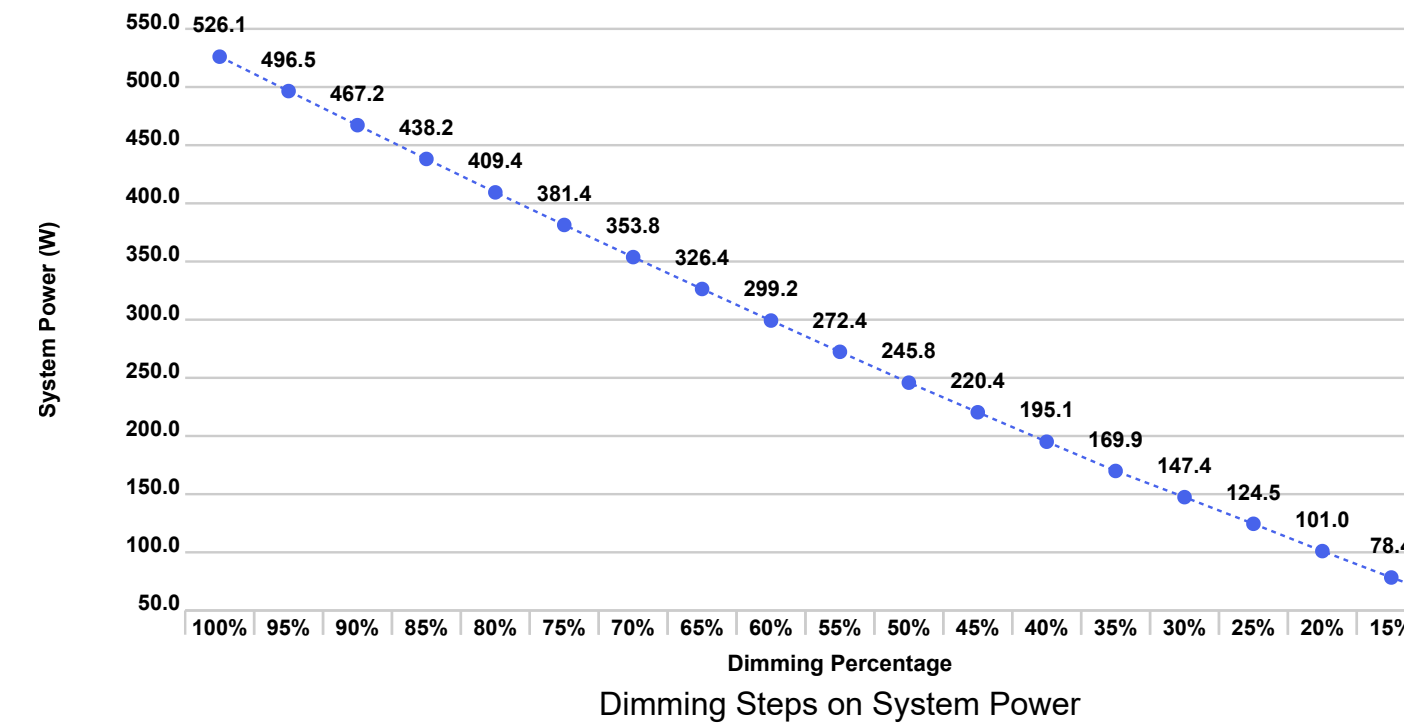
Light Source Lumen/Watt	188.1 lm/W
Perf. Ambient Temp. (Tq)	25 °C
Indoor Temperature	×
Energy Class	D
Driver Current	699 mA
Light Source Power	494.5 W
System Power	526.1 W
Sensor	×
System Power Tolerance	+/- 10%
System Lumen/Watt	144.8 lm/W
Driver	Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt
Driver 12NC	929002874906
Driver SAP ID	142:142:142
Number of drivers	3

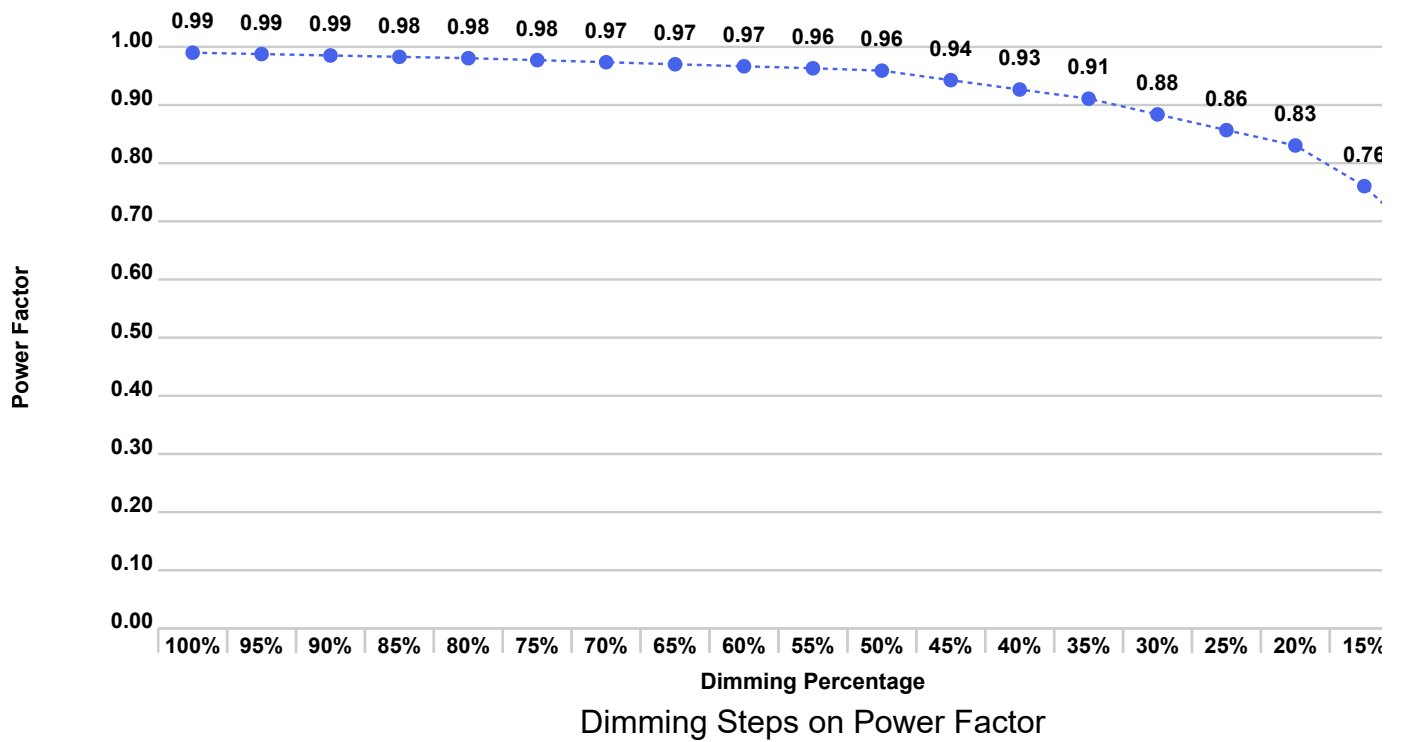
PCB count	3
Parallel strings/PCB	1
Parallel strings	3
Parallel strings/driver	1
Leds/string	84
String intensity	699 mA
Control Method	DALI
Number of Luminaires per MCB 16A	2
Inrush Current	77 A
Inrush Time	150 µs
Input Voltage	202V-254V
Input Frequency	50/60Hz
Control Gear Failure Rate at Median Useful Life 100kh	9%
Min. dimming current output	54 mA
Minimum dimming output	8 %
Min Output Dimming Range	8..100 %
Power Factor (100%)	0.99
Power Factor (50%)	0.96
Total harmonic distortion	6.0%

Dimming Characteristics

Flux Dimmed values

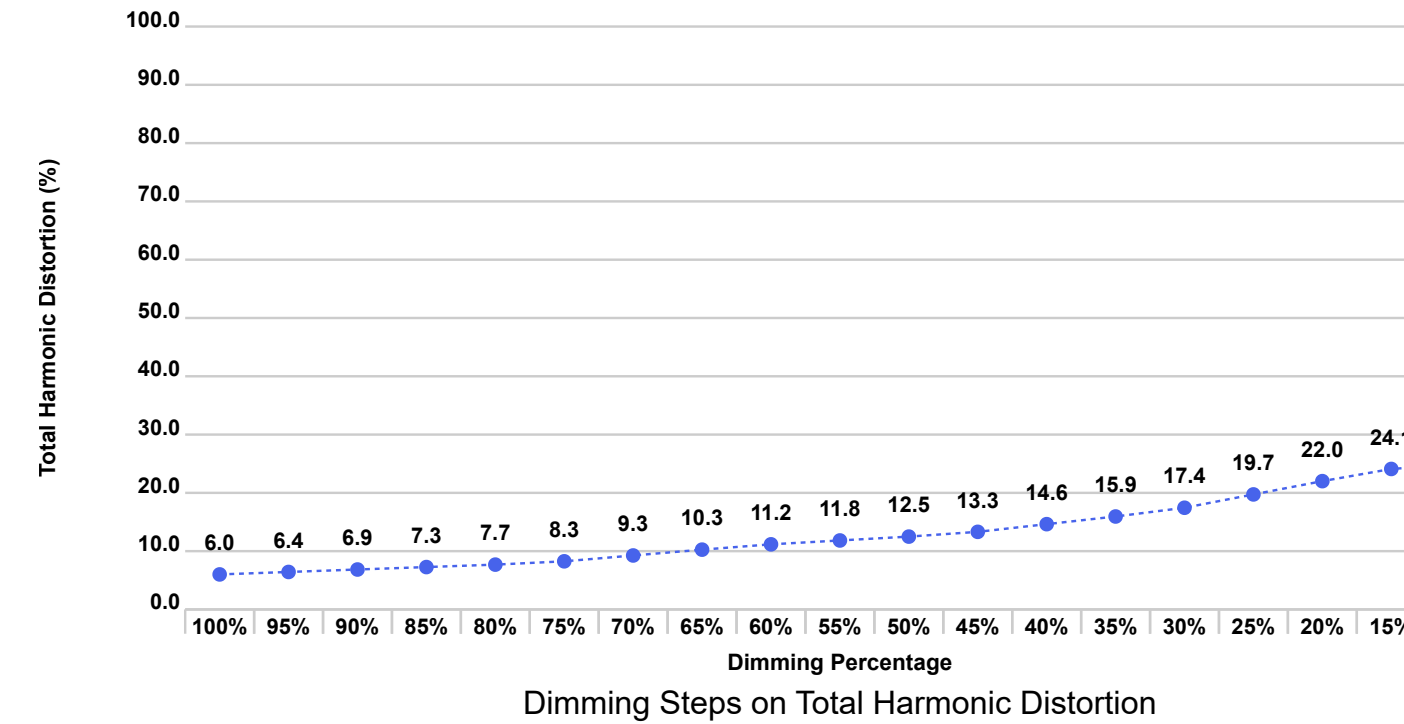
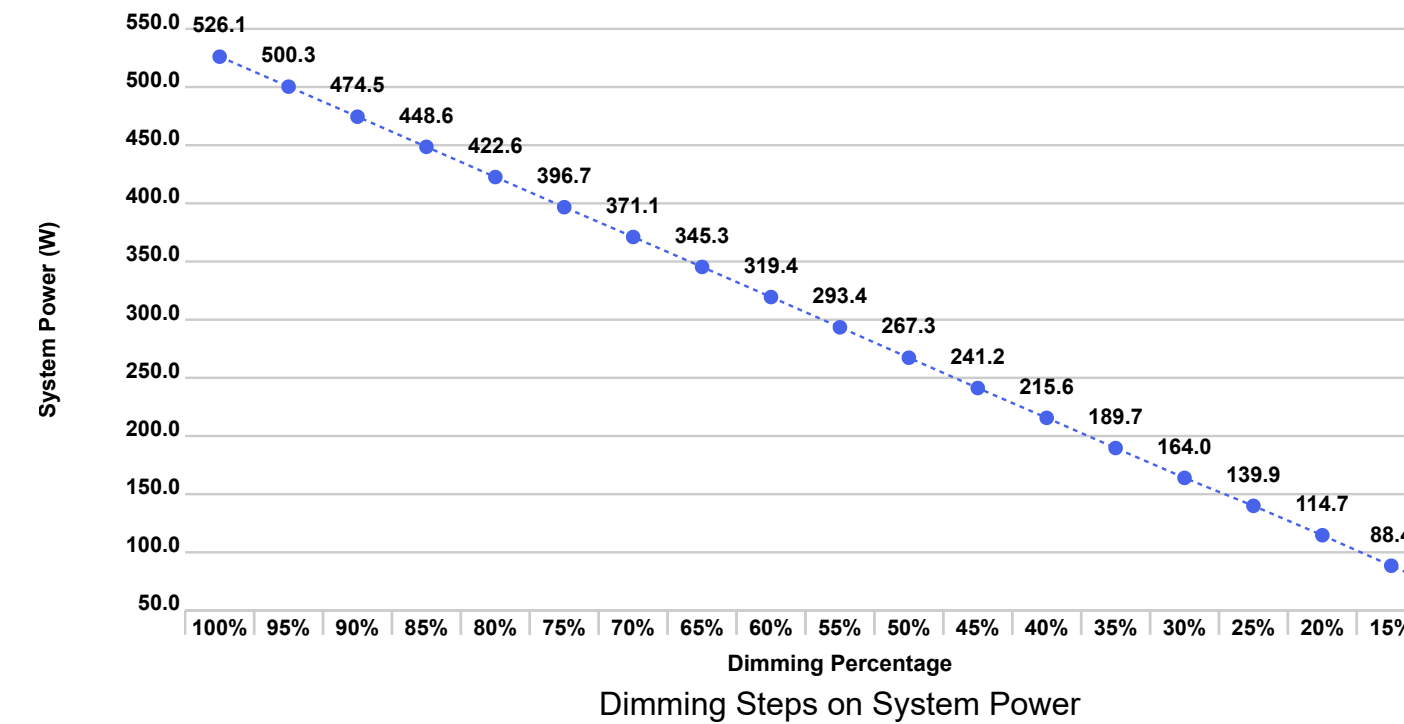
Dimming (%)	Intensity (mA)	Hot flux (lm)	System Flux (lm)	System Power (W)	Total Harmonic Distortion (%)	Power Factor
100	699	87978	76169	526.1	6.0	0.99
95	659	84109	72819	496.5	6.5	0.99
90	619	80185	69422	467.2	7.0	0.99
85	580	76125	65907	438.2	7.4	0.98
80	541	72019	62352	409.4	7.9	0.98
75	503	67797	58697	381.4	8.9	0.98
70	466	63538	55009	353.8	9.9	0.97
65	429	59181	51237	326.4	11.0	0.97
60	392	54796	47440	299.2	11.7	0.97
55	356	50383	43620	272.4	12.4	0.96
50	321	45942	39775	245.8	13.1	0.96
45	286	41432	35870	220.4	14.4	0.94
40	252	36902	31949	195.1	15.7	0.93
35	218	32355	28012	169.9	16.9	0.91
30	185	27788	24058	147.4	19.0	0.88
25	153	23180	20069	124.5	21.1	0.86
20	122	18563	16071	101.0	23.2	0.83
15	91	13950	12078	78.4	24.4	0.76
10	61	9300	8052	57.4	24.9	0.65

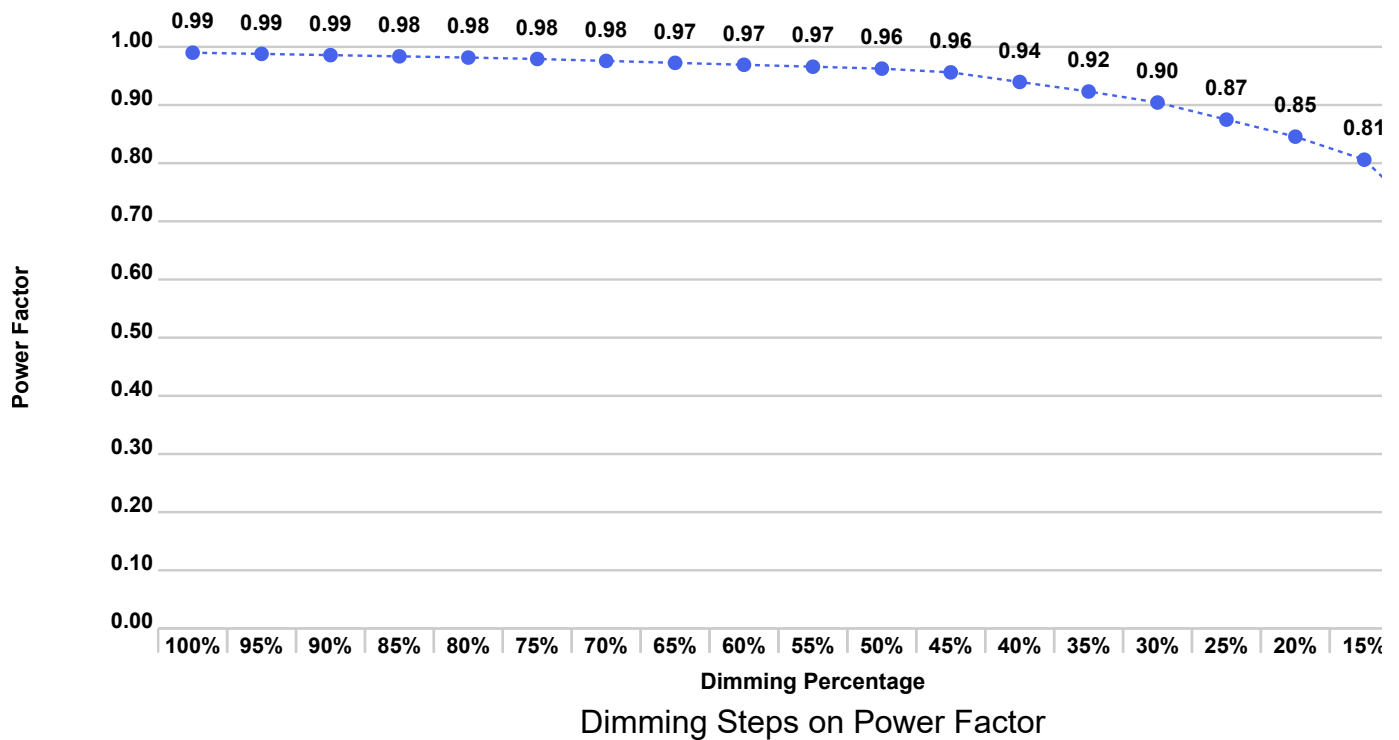




Power Dimmed Values

Dimming (%)	Intensity (mA)	Hot flux (lm)	System Flux (lm)	System Power (W)	Total Harmonic Distortion (%)	Power Factor
100	699	87978	76169	526.1	6.0	0.99
95	664	84593	73238	500.3	6.4	0.99
90	629	81210	70310	474.5	6.9	0.99
85	594	77574	67161	448.6	7.3	0.98
80	559	73935	64011	422.6	7.7	0.98
75	524	70133	60719	396.7	8.3	0.98
70	489	66177	57294	371.1	9.3	0.98
65	454	62205	53855	345.3	10.3	0.97
60	419	58081	50285	319.4	11.2	0.97
55	384	53868	46637	293.4	11.8	0.97
50	349	49561	42908	267.3	12.5	0.96
45	314	45109	39054	241.2	13.3	0.96
40	280	40561	35117	215.6	14.6	0.94
35	245	35910	31090	189.7	15.9	0.92
30	210	31147	26967	164.0	17.4	0.90
25	175	26263	22738	139.9	19.7	0.87
20	140	21245	18393	114.7	22.0	0.85
15	105	16065	13908	88.4	24.1	0.81
10	70	10735	9294	62.4	24.9	0.69





Geometry Characteristics

Effective Projected Area	0.378 m ²
Weight	27 kg

Mechanical and Housing

Housing Material	Aluminium Die Cast
Optic Material	Polycarbonate
Optical Cover Material	Extra Clear Glass
Fixation Material	Aluminium
Ingress. protection code	IP66
Mech. impact protection code	IK08
Corrosion resistance	500 hours Salt Spray Test for standard version, 1.000 hours Salt Spray Test optional Marine Salt Protection (MSP)

Certification

CE Mark	✓
ENEC Mark	✓
RoHS Mark	✓
WEEE Mark	✓
Photobiological risk	Risk group 0 (exempt) according to EN IEC 62471

Service characteristics

Serviceability class	A
Operating Ambient Temperature	-40 to 50°C
Warranty Period	5 years

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