

**Light efficiency:**

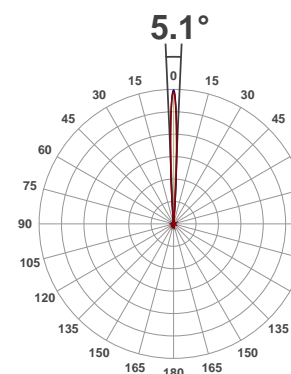
**15 Lumen/Watt**

**Light quality:**

**CRI: 84.9**

**Color temperature:**

**7232 K**



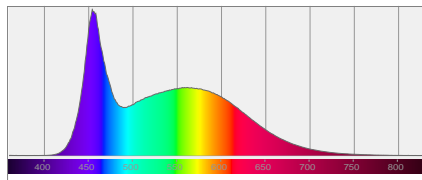
**Product name:**  
**DW Par Z19 IP**

**Test:**  
**Zoom In CW**

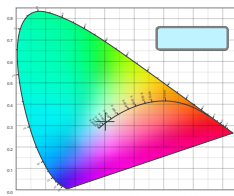
**Date:**  
**6/15/2017**

**Output: 1925 lm Power consumption: 129 W Peak: 220304 cd**

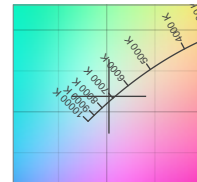
**Spectral distribution**



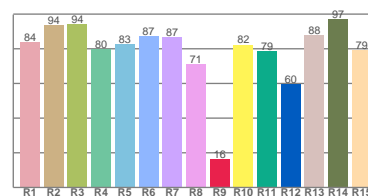
**Color coordinates**



**Zoom color point**

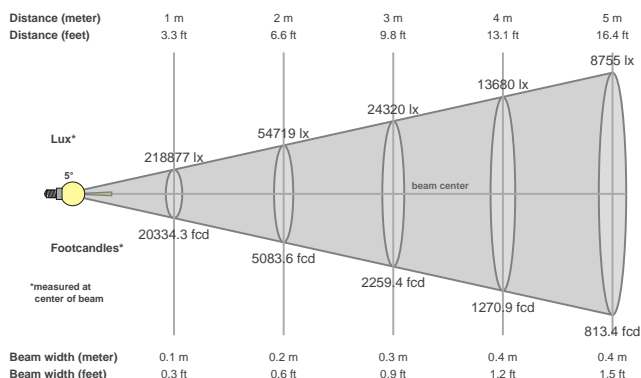


**CRI R values**



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color divition from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
7232 K	84.9	16.4	80.8	91.6	81.3	0.302	0.319	0.194	0.307	0.0002

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
5.1°	8.7°	10.2°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
220304 cd	1.0%	1.0%

**Power**

Power	Power factor	Power frequency
129 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	117 V	1.12 A

**Beam intensities from 1-20m**

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
218877lx	54719lx	24320lx	13680lx	8755lx	6080lx	4467lx	3420lx	2702lx	2189lx	1809lx	1520lx	1295lx	1117lx	973lx	855lx	757lx	676lx	606lx	547lx
20334.3 fcd	5083.6 fcd	2259.4 fcd	1270.9 fcd	813.4 fcd	564.8 fcd	415 fcd	317.7 fcd	251 fcd	203.3 fcd	168.1 fcd	141.2 fcd	120.3 fcd	103.7 fcd	90.4 fcd	79.4 fcd	70.4 fcd	62.8 fcd	56.3 fcd	50.8 fcd