

**Light efficiency:**

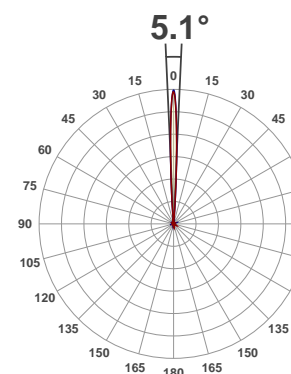
**13 Lumen/Watt**

**Light quality:**

**CRI: 79.8**

**Color temperature:**

**3151 K**



**Product name:**

**DW Par Z19 IP**

**Test:**

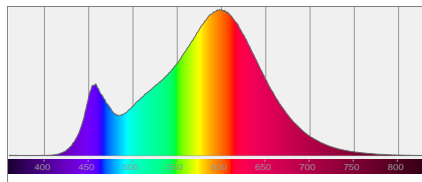
**Zoom In WW**

**Date:**

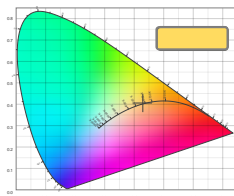
**6/15/2017**

**Output: 1658 lm Power consumption: 128 W Peak: 191409 cd**

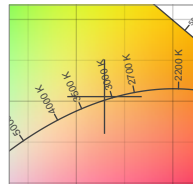
**Spectral distribution**



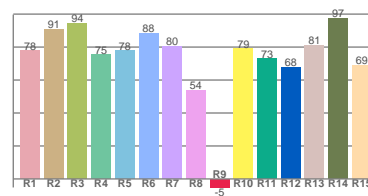
**Color coordinates**



**Zoom color point**

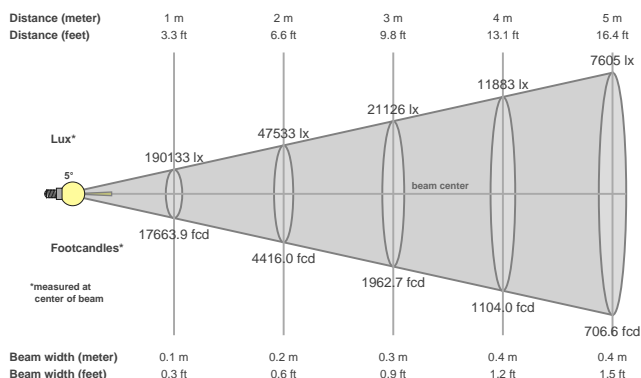


**CRI R values**



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
3151 K	79.8	-5.2	80.4	91.4	79.9	0.429	0.406	0.245	0.347	0.0018

**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
191409 cd	1.0%	1.0%

**Power**

Power	Power factor	Power frequency
128 W	0.99	59.9 Hz

Nominal voltage	Voltage	Current
230 V	116 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
190133 lx	47533 lx	21126 lx	11883 lx	7605 lx	5281 lx	3880 lx	2971 lx	2347 lx	1901 lx	1571 lx	1320 lx	1125 lx	970 lx	845 lx	743 lx	658 lx	587 lx	527 lx	475 lx
17663.9 fcd	4416 fcd	1962.7 fcd	1104 fcd	706.6 fcd	490.7 fcd	360.5 fcd	276 fcd	218.1 fcd	176.6 fcd	146 fcd	122.7 fcd	104.5 fcd	90.1 fcd	78.5 fcd	69 fcd	61.1 fcd	54.5 fcd	48.9 fcd	44.2 fcd