



RP-6-15W

6" LED PANEL LIGHT, 120V 15W 6000K (COOL WHITE)

Specifications

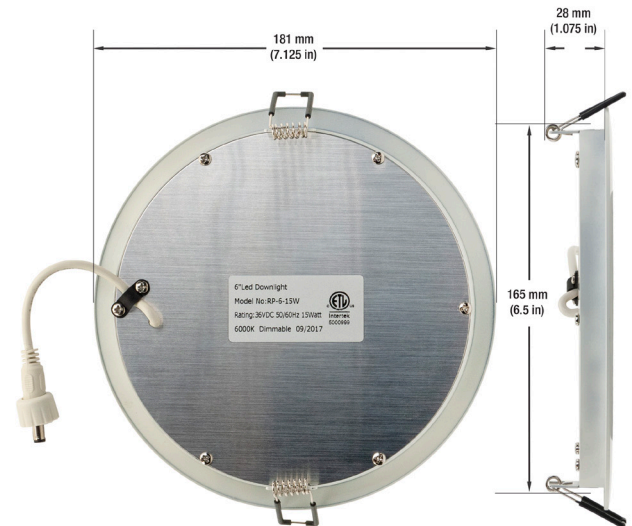
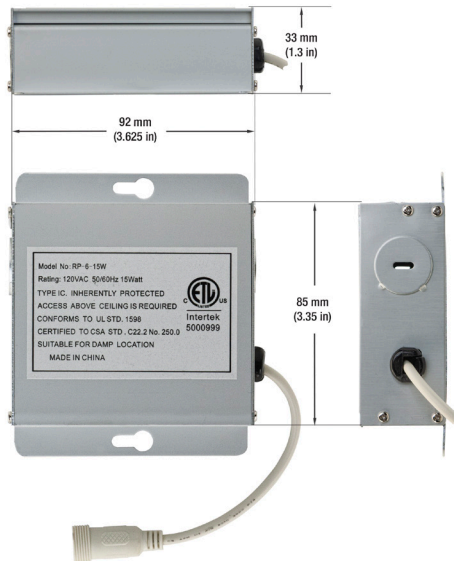
Model No.:	RP-6-15W
Input Voltage:	120V AC
Wattage:	15W
Frequency :	50-60 Hz
Color Temperature:	6000K (Cool White)
Beam Angel:	110°
Trim Color:	White
Dimmable:	Yes
IC Rated:	Yes
Rendering Index:	CRI>80
IP Rated:	IP20 (Suitable for damp locations)
Wire Length:	25 cm (9.8 in) 22AWG
Dimensions:	Ø 181 mm (7.125 in) Depth: 28 mm (1.075 in)
Cut Size:	Ø 165 mm (6.5 in)
J-Box Dimensions:	Length: 92 mm (3.625 in) Width: 85 mm (3.35 in) Depth: 33 mm (1.3 in)
Certification:	ETL



SKU: 666561412388

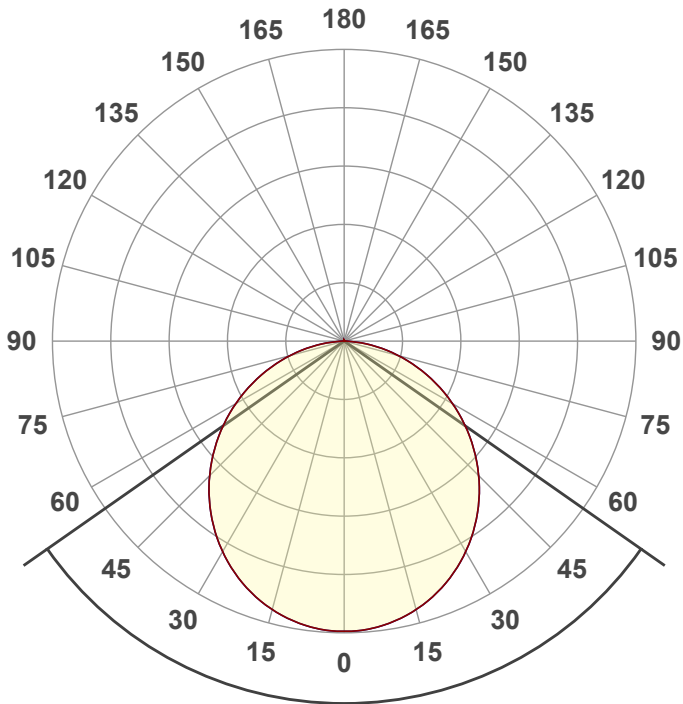
Features

- This downlight works in various indoor applications. It has universal ceiling applications.
- Easy installation, fast connecting with the input wires and spring clips for a secure mount.
- Recessed lighting is suitable for both dry and damp environments.
- Well suited for both residential and commercial indoor spaces.



Disclaimer

The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall LED Lights and Parts be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.



Beam angle

110°

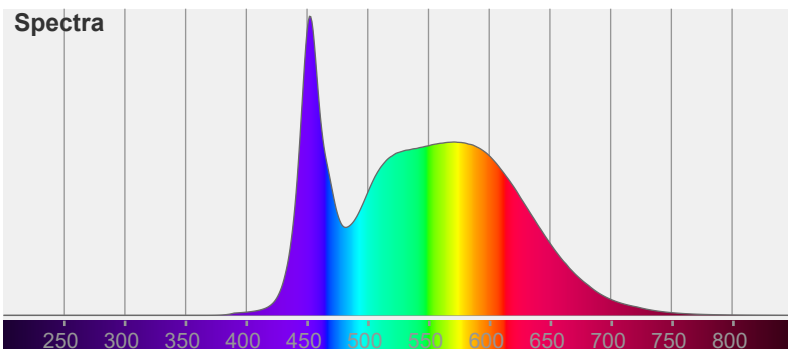


Color



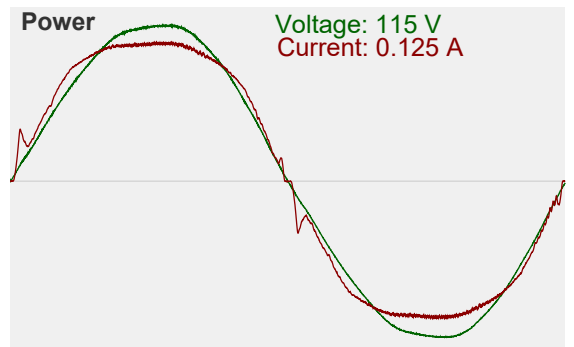
CIE1931
x: 0.330
y: 0.356

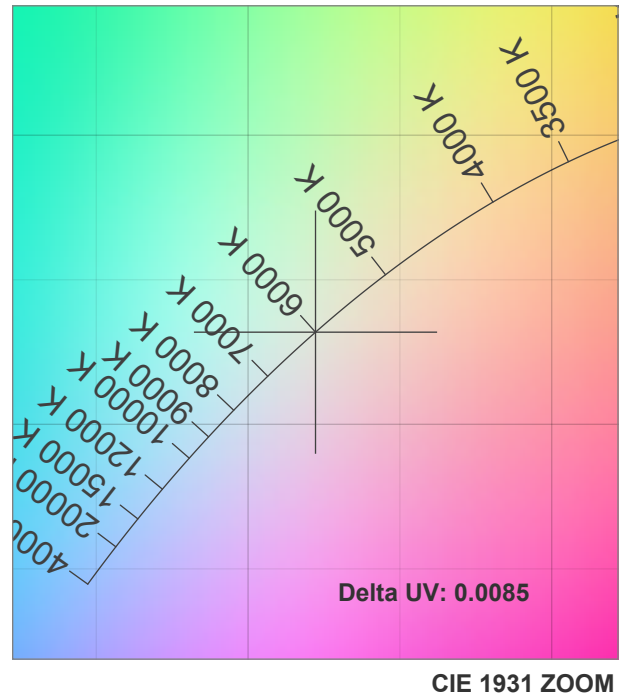
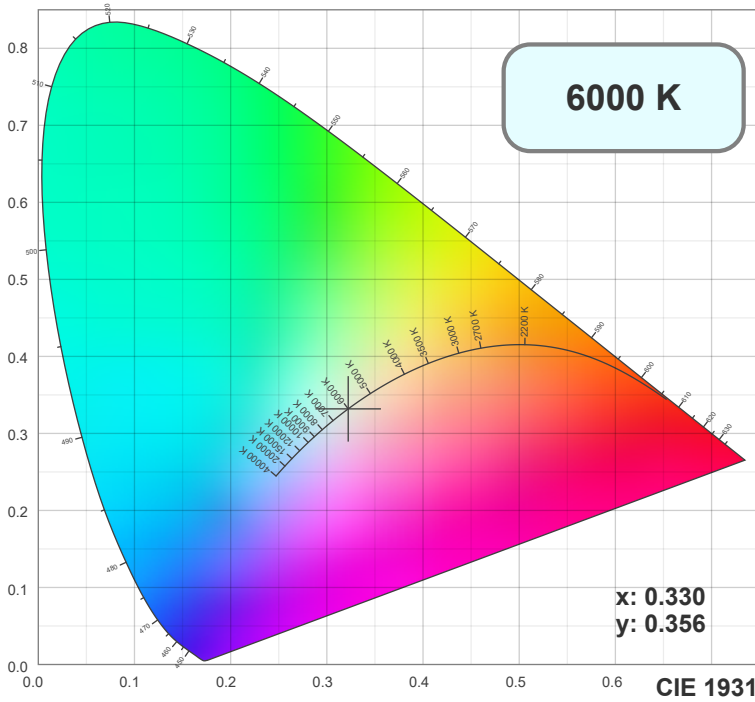
Spectra



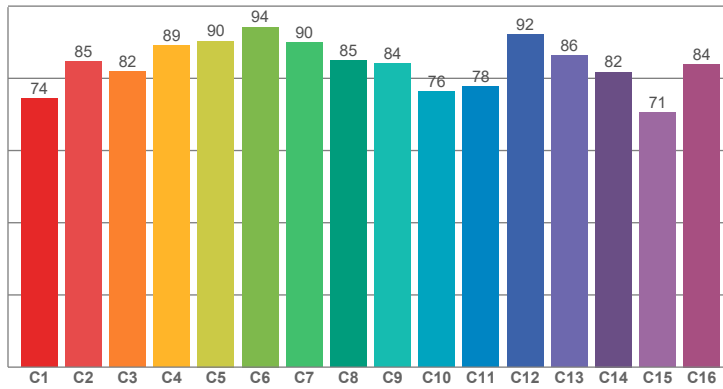
Power

Voltage: 115 V
Current: 0.125 A

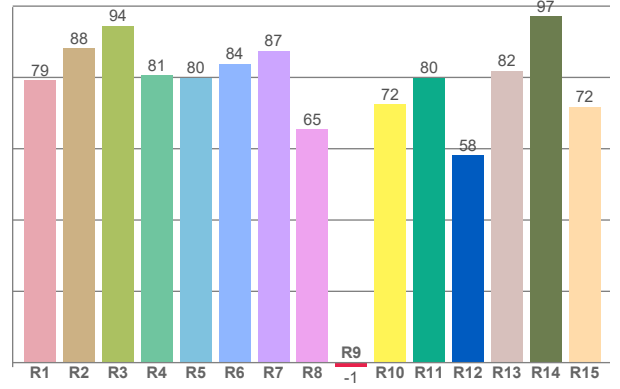




TM30: 83.8



CRI: 82.4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79.25	88.12	94.41	80.57	79.90	83.84	87.42	65.44	-1.27	72.38	79.84	58.18	81.85	97.20	71.70

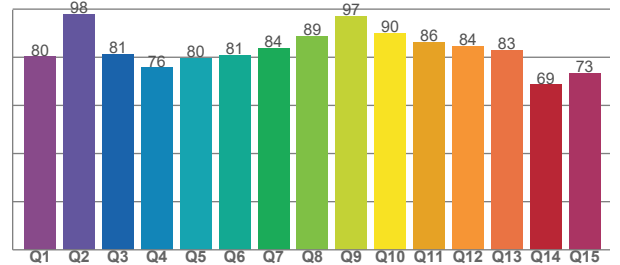
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
74.46	84.60	81.81	89.00	90.33	94.23	89.98	84.95	84.16	76.31	77.72	92.07	86.41	81.76	70.54	83.95

CQS Q values

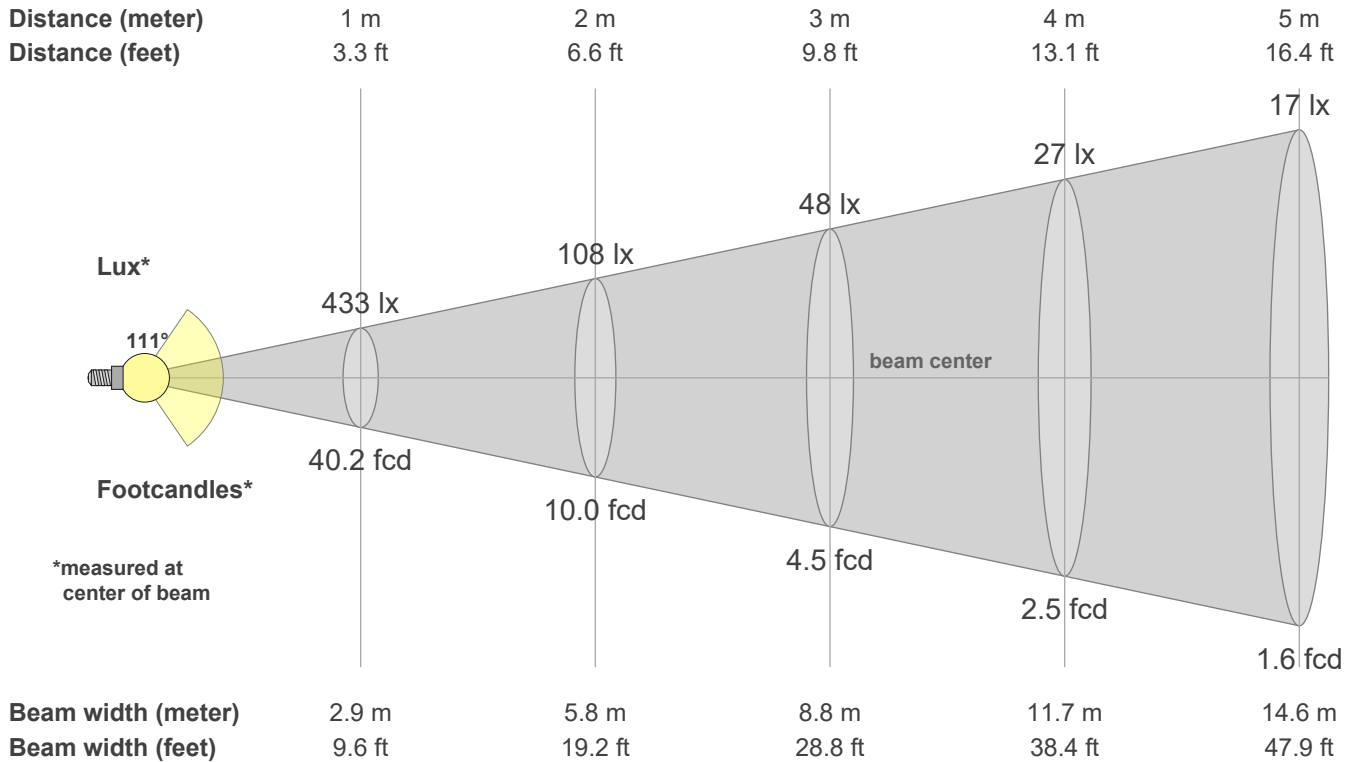
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.20	97.87	81.08	75.63	79.59	80.94	83.83	88.85	97.09	89.90	86.23	84.49	83.10	68.56	73.33

CQS: 81.7



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
6000 K	82.4	-1.3	83.8	92.8	81.7	0.3	0.3	0.2	0.3	0.0053



Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
433	431	424	414	400	383	362	339	312	284	253	220	187	153	118	84	51	22	4	0
100%	100%	98%	96%	93%	89%	84%	78%	72%	66%	58%	51%	43%	35%	27%	19%	12%	5%	1%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
433	431	424	414	400	383	362	339	312	284	253	220	187	153	118	84	51	22	4	0
100%	100%	98%	96%	93%	89%	84%	78%	72%	66%	58%	51%	43%	35%	27%	19%	12%	5%	1%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
433	431	424	414	400	383	362	339	312	284	253	220	187	153	118	84	51	22	4	0
100%	100%	98%	96%	93%	89%	84%	78%	72%	66%	58%	51%	43%	35%	27%	19%	12%	5%	1%	0%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
433	431	424	414	400	383	362	339	312	284	253	220	187	153	118	84	51	22	4	0
100%	100%	98%	96%	93%	89%	84%	78%	72%	66%	58%	51%	43%	35%	27%	19%	12%	5%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
111.2°	162.6°	174.1°	78.3%	53.5%