

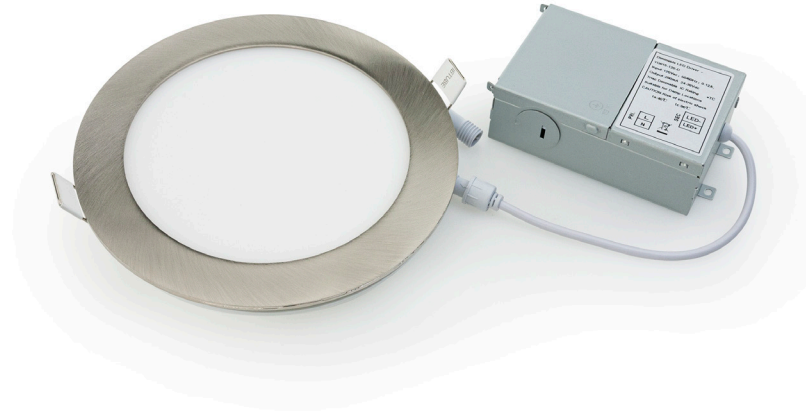


6" ROUND LED PANEL LIGHT 120V 15W 3000K (WARM WHITE) BRUSHED NICKEL

Specifications



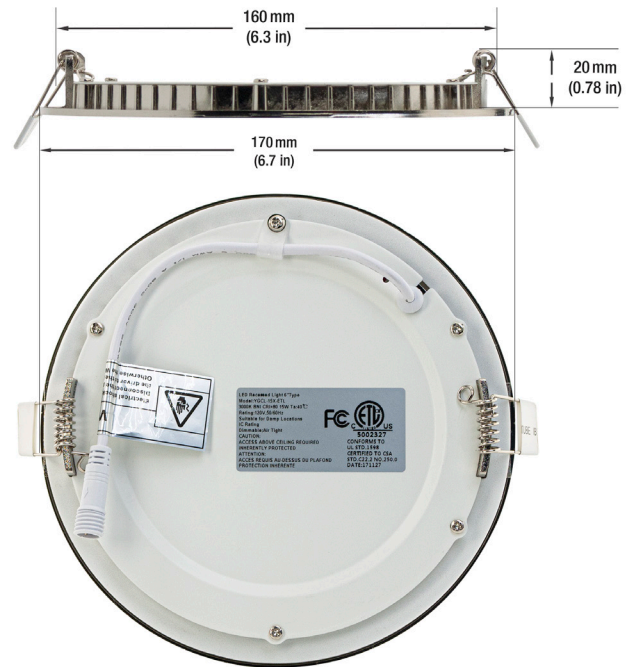
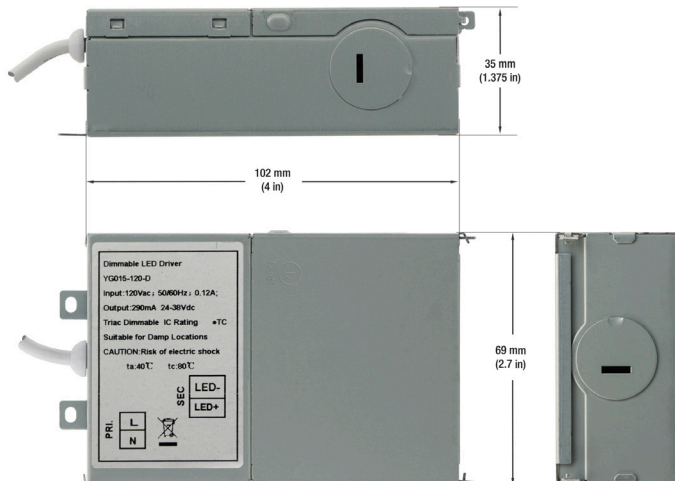
Input Voltage:	120V AC
Wattage:	15W
Color Temperature:	3000K (Warm White)
Beam Angel:	110°
Trim Colors:	Brush Nickel
Brightness:	1000 Lumens
Dimmable:	Yes
Rendering Index:	CRI>90
IP Rated:	IP20 (Suitable for damp locations)
LED Driver:	Included
Wire Length:	30 cm (11.8 in) 22AWG
Dimensions:	Ø 170 mm (6.7 in), Depth 20 mm (0.78 in)
Cut Size:	Ø 160 mm (6.3 in)
J-Box Dimensions:	Length: 102 mm (4 in) Width: 69 mm (2.7 in) Depth: 35 mm (1.375 in)
Certification:	ETL



SKU: 666561413590

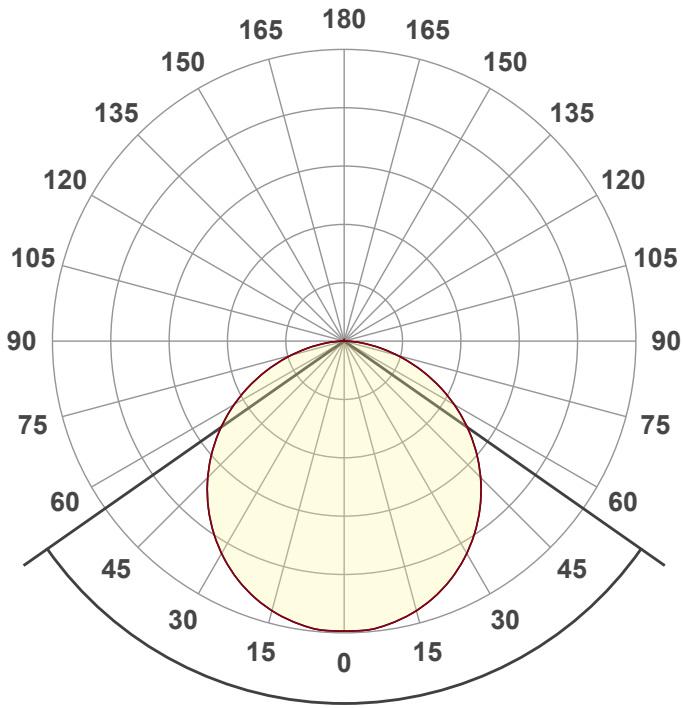
Features

- LED slim panel light adopts super bright LED as its luminous body, the anodized aluminum frame is stylish with everlasting color. It is a powered low voltage constant driver, which is safe, energy-saving, and long lifespan.
- Excellent terminal management can effectively guarantee the long-term stability of LED.
The front panel board is high translucent acrylic, which can ensure the light is even soft and has high transmittance.
- Instant start, no flickering, no humming, no hazardous material.
- IC (insulated ceiling) rated, can be inserted into the ceiling safety.



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

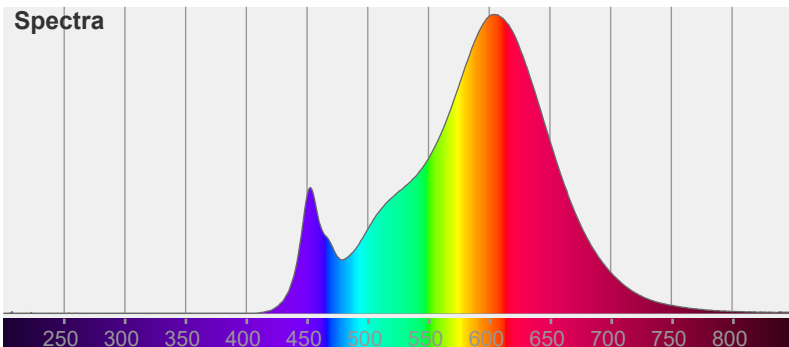
110°

Color



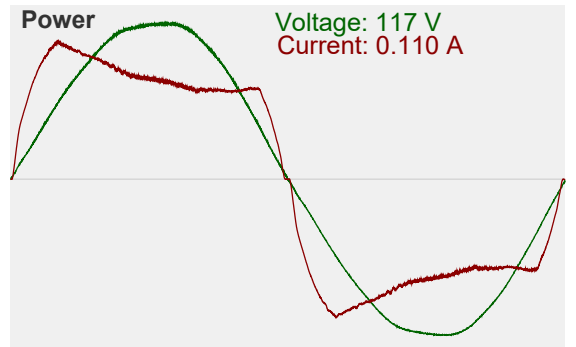
CIE1931
x: 0.455
y: 0.406

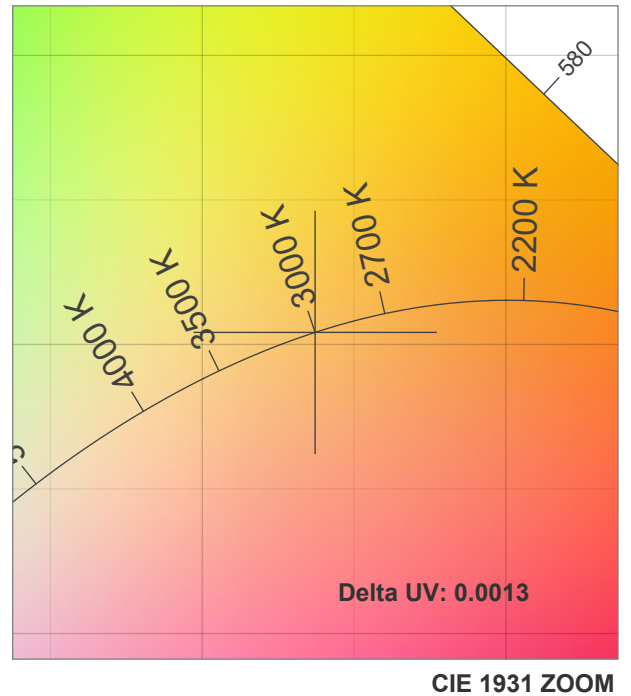
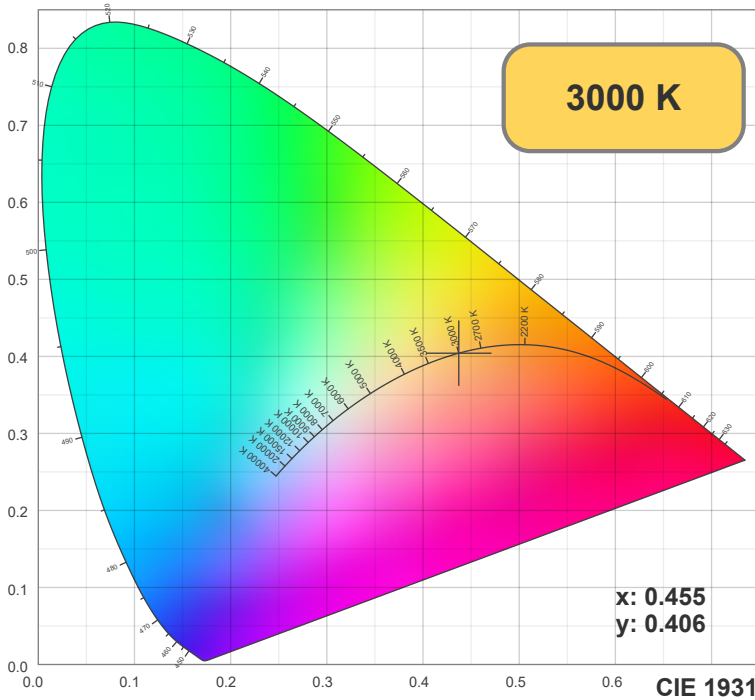
Spectra



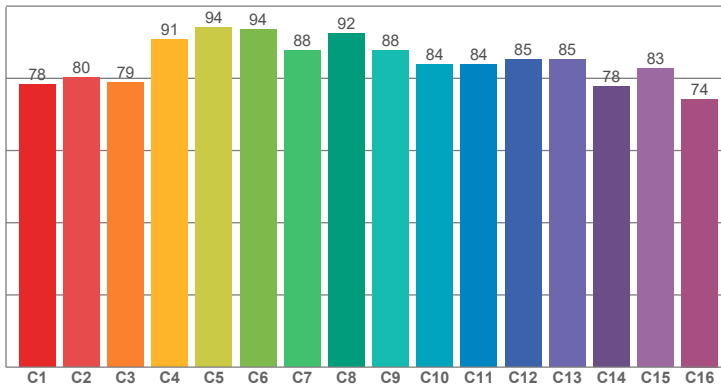
Power

Voltage: 117 V
Current: 0.110 A

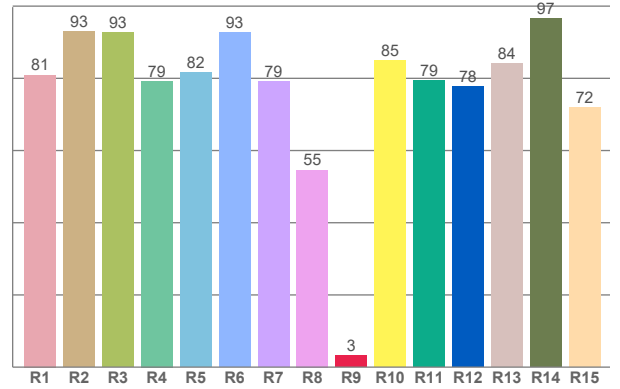




TM30: 84.6



CRI: 81.8 (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
80.96	93.06	92.70	79.24	81.66	92.79	79.22	54.63	3.22	85.01	79.39	77.65	84.10	96.66	71.94

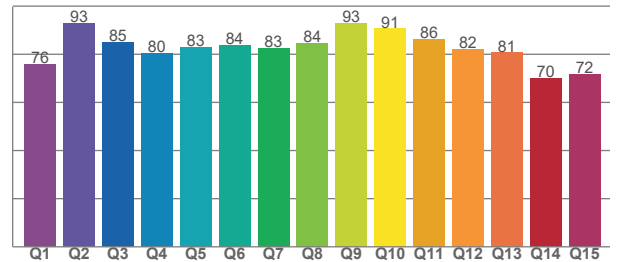
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78.23	80.16	78.75	90.70	94.08	93.59	87.63	92.34	87.61	83.82	83.86	85.30	85.15	77.82	82.69	74.25

CQS Q values

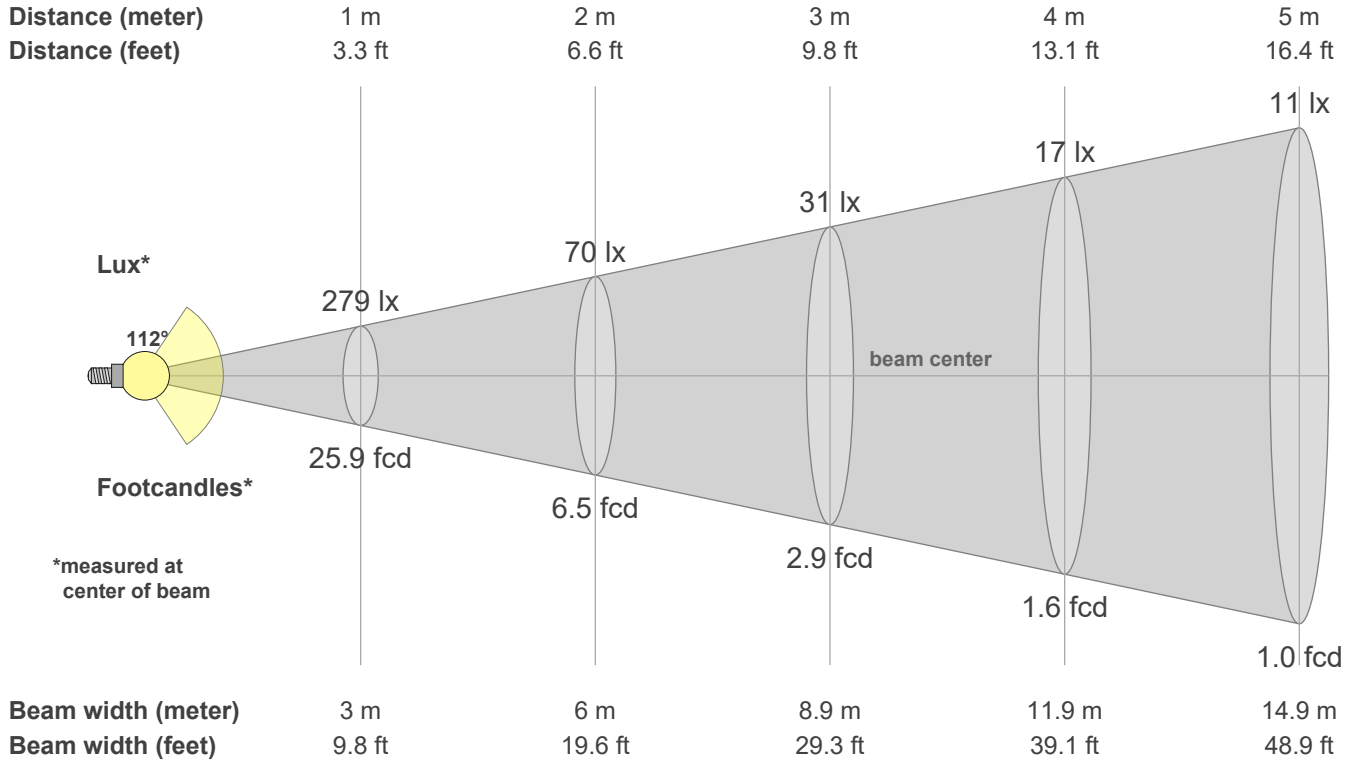
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
75.87	92.95	84.83	80.41	82.72	83.58	82.67	84.41	92.95	90.60	86.21	82.16	80.62	70.07	71.85

CQS: 81.5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	81.8	3.2	84.6	94.8	81.5	0.4	0.4	0.3	0.3	-0.0013



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°
279	278	274	268	259	249	235	220	204	185	165	144	122	99	76	53	32	14	3	0
100%	100%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	44%	36%	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°
279	278	274	268	259	249	235	220	204	185	165	144	122	99	76	53	32	14	3	0
100%	100%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	44%	36%	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°
279	278	274	268	259	249	235	220	204	185	165	144	122	99	76	53	32	14	3	0
100%	100%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	44%	36%	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°
279	278	274	268	259	249	235	220	204	185	165	144	122	99	76	53	32	14	3	0
100%	100%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	44%	36%	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
112.3°	162.3°	175.5°	78.3%	53.3%