



P105-XX-3000

ROUND LED STEP LIGHT, 12V 0.6W 3000K (WARM WHITE)

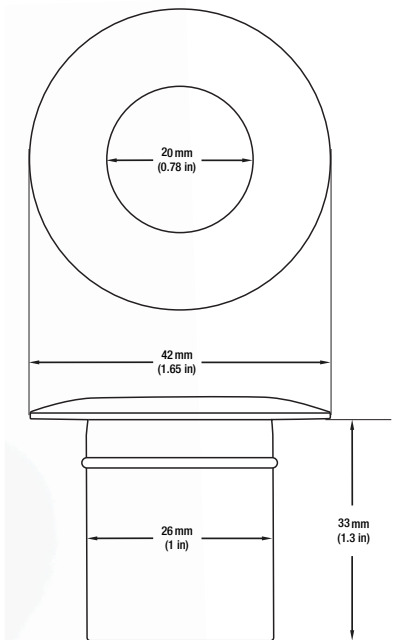
Specifications



Model No.:	P105-xx-3000K *xx indicates Trim color (P105-WH-3000K)
Input Voltage:	12V DC
Wattage:	0.6W
Available Trim Color:	White, Black, Silver Grey
Color Temperature:	3000K (Warm White)
Rendering Index:	CRI>80
Luminous Flux:	60 lumens
Wire Size:	2in
Material:	Aluminum
Dimmable:	Yes
IP Rating:	IP20 (Indoor rated)
Dimensions:	Ø 42 x 33 mm (1.65 x 1.3 in)
Cut Size Diameter:	Ø 26 mm (1 in)
Certification:	ETL

Features

- Available in different colors (White, Black, Silver Grey).
- Dissipates very less heat and is safe to touch.
- Widely popular in boats, staircase lighting, cabinets, indoor deck lighting applications.
- 50,000 hours lifespan.
- High-quality reflector, avoids glaring.



SKU#: 666561413811



SKU#: 666561413804



SKU#: 666561412463



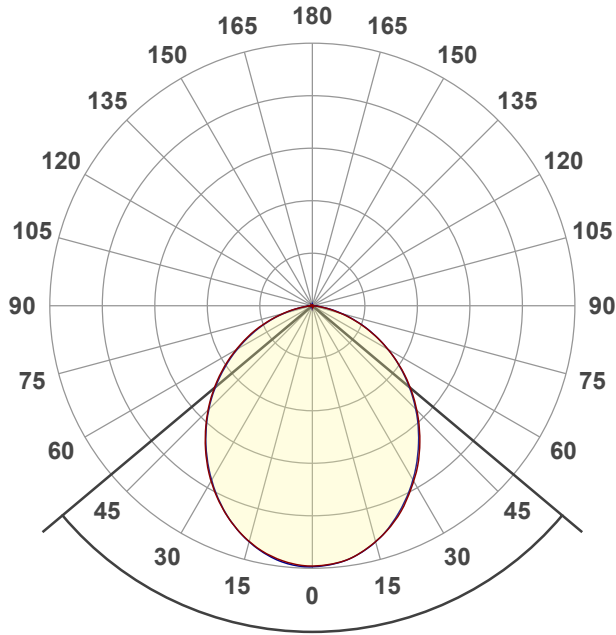
Disclaimer

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.



LED Lights and Parts

WORLD OF LED LIGHTS



Beam angle

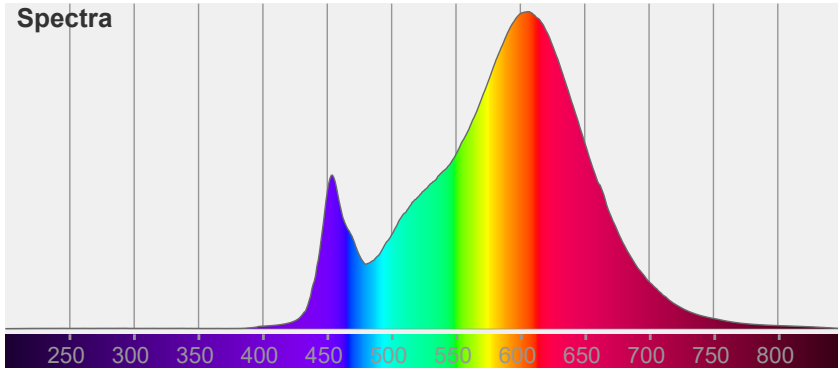
100°

Color



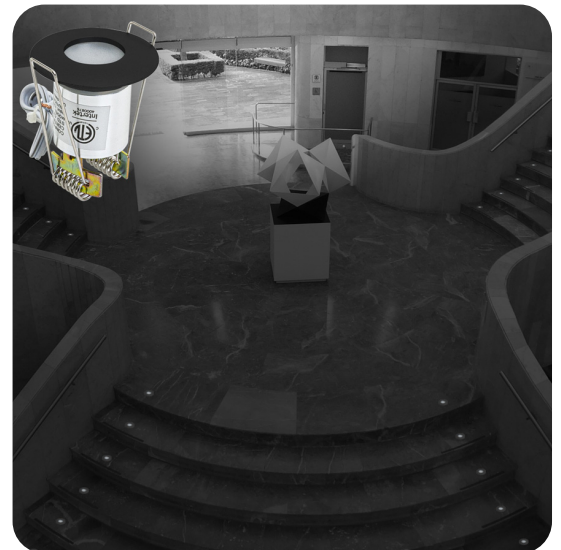
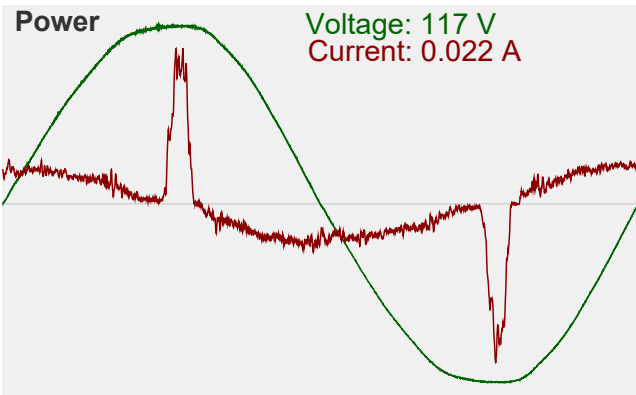
CIE1931
x: 0.445
y: 0.402

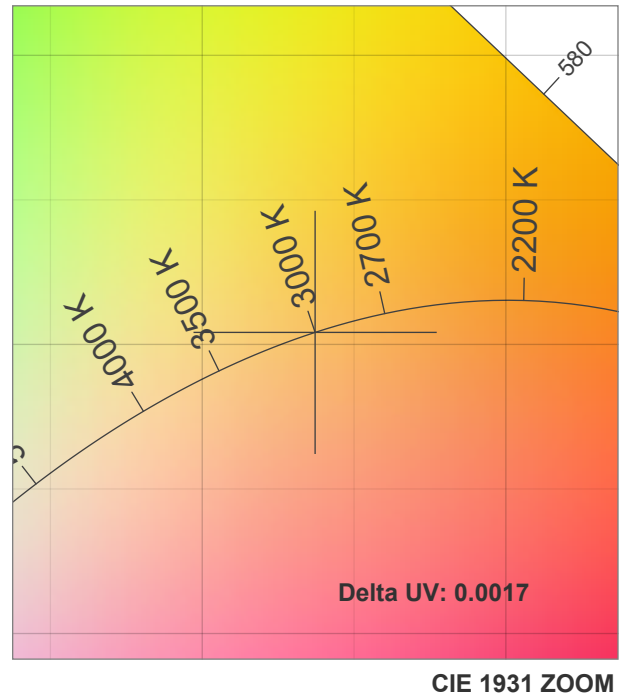
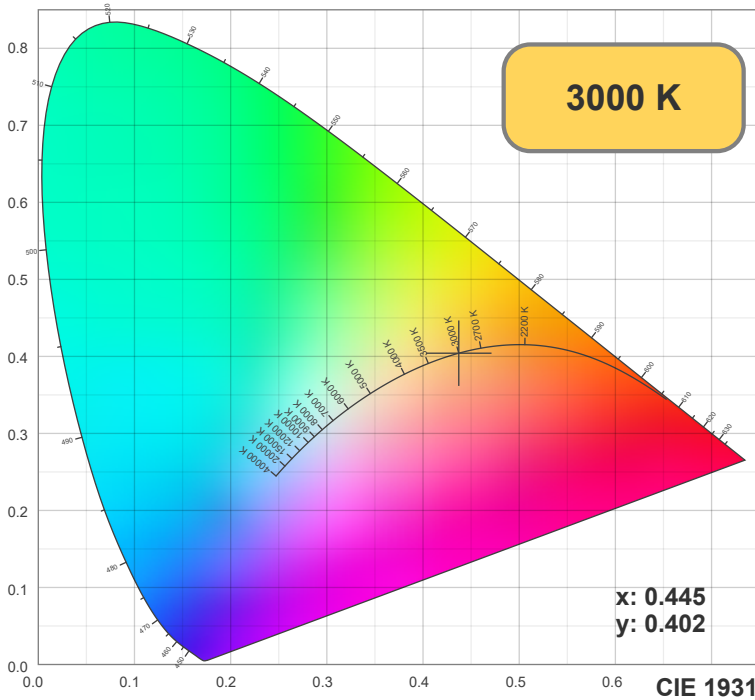
Spectra



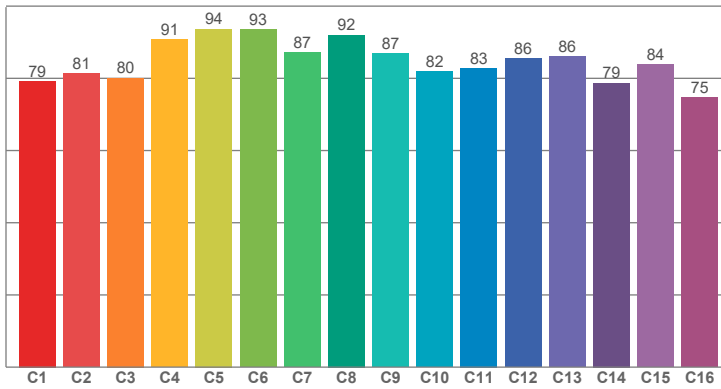
Power

Voltage: 117 V
Current: 0.022 A

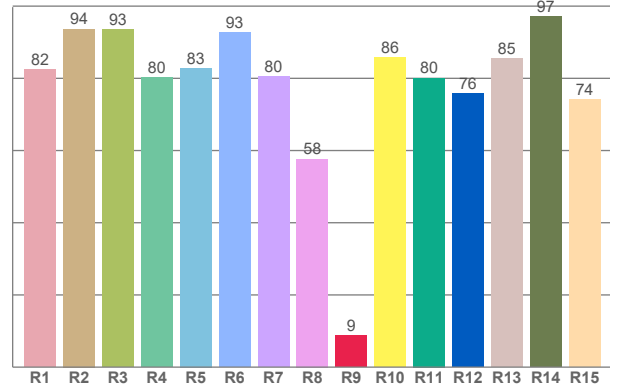




TM30: 84.8



CRI: 82.9 (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
82.40	93.67	93.43	80.27	82.84	92.78	80.48	57.68	8.83	85.71	80.12	75.73	85.43	97.18	74.14

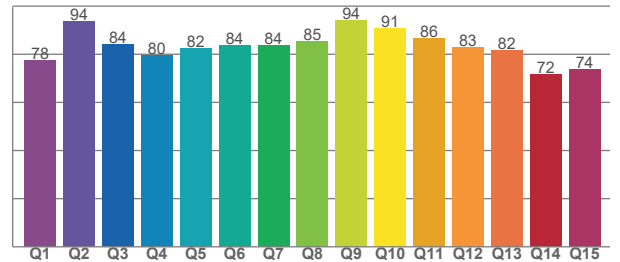
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.23	81.42	80.11	90.69	93.67	93.43	87.19	92.04	86.87	81.82	82.83	85.57	86.10	78.72	83.88	74.61

CQS Q values

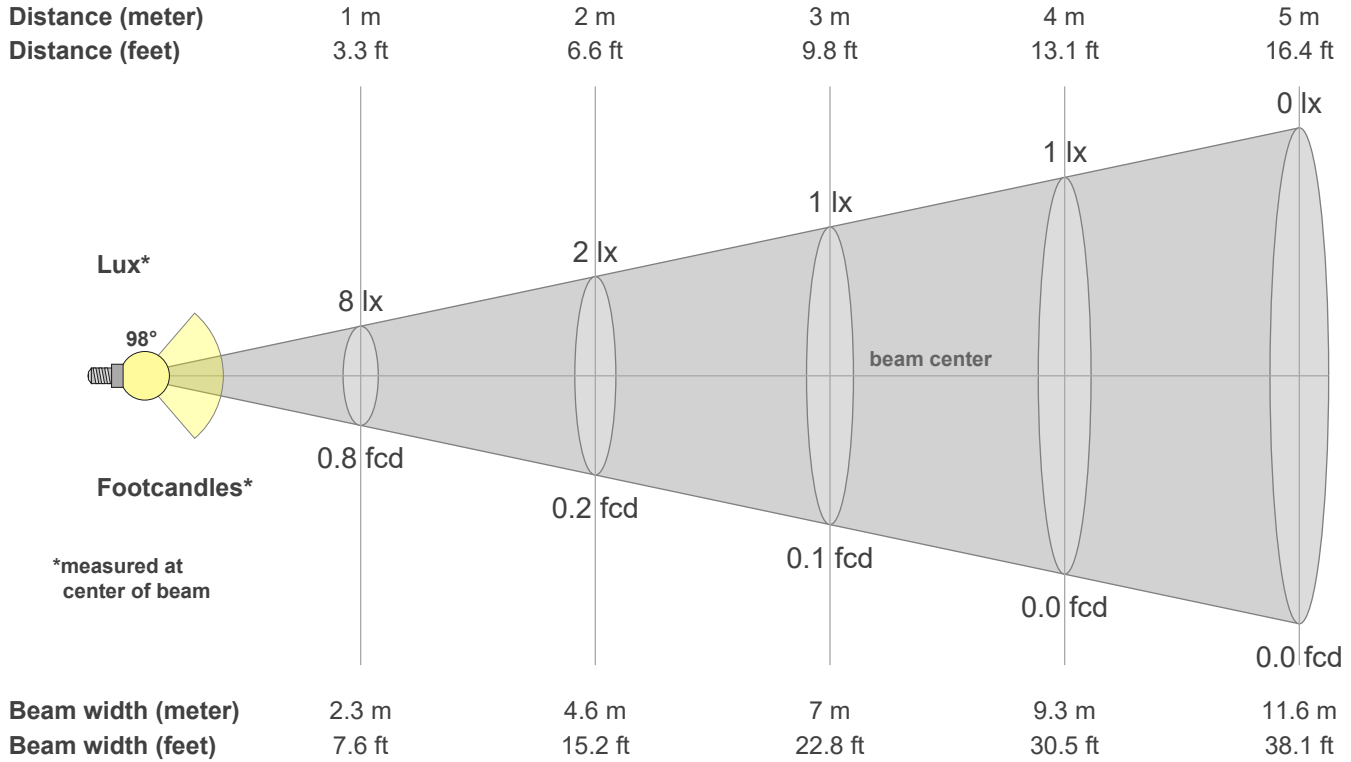
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.59	93.58	84.34	79.62	82.43	83.85	83.56	85.22	93.95	90.85	86.47	82.84	81.60	71.83	73.65

CQS: 82.2



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	82.9	8.8	84.8	94.8	82.2	0.4	0.4	0.3	0.3	-0.0017



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°
8.34	8.28	8.11	7.82	7.46	7.01	6.49	5.95	5.35	4.73	4.10	3.46	2.81	2.17	1.55	0.96	0.46	0.14	0.01	0.01
100%	99%	97%	94%	89%	84%	78%	71%	64%	57%	49%	41%	34%	26%	19%	12%	6%	2%	0%	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°
8.34	8.29	8.11	7.82	7.43	6.96	6.44	5.88	5.29	4.69	4.06	3.43	2.80	2.18	1.57	1.00	0.50	0.15	0.01	0.00
100%	99%	97%	94%	89%	83%	77%	70%	63%	56%	49%	41%	34%	26%	19%	12%	6%	2%	0%	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°
8.34	8.27	8.09	7.81	7.44	7.00	6.49	5.93	5.33	4.73	4.10	3.47	2.83	2.21	1.59	1.00	0.49	0.14	0.02	0.00
100%	99%	97%	94%	89%	84%	78%	71%	64%	57%	49%	42%	34%	26%	19%	12%	6%	2%	0%	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°
8.34	8.30	8.12	7.82	7.44	6.98	6.45	5.89	5.30	4.69	4.06	3.41	2.77	2.14	1.53	0.95	0.47	0.14	0.01	0.00
100%	100%	97%	94%	89%	84%	77%	71%	64%	56%	49%	41%	33%	26%	18%	11%	6%	2%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
98.5°	152.6°	167.2°	83.1%	58.9%