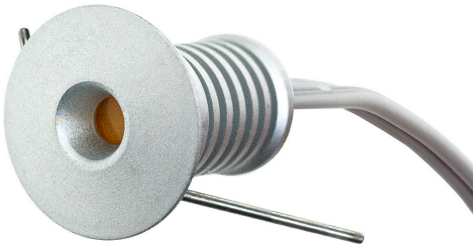
RD21

MINI LED OUTDOOR RECESSED STEP LIGHT, 12V 0.5W 2700K (SOFT WHITE)

Specifications

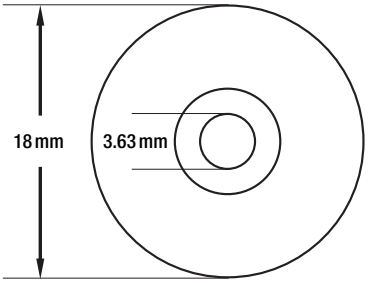
Model No.:	RD21
Input Voltage:	12V DC
Wattage:	0.5W
Color Temperature:	2700K (Soft White)
Brightness:	80 - 100 Lumens
Material:	Aluminum
Body Color:	Silver Grey
Beam Angle:	75°
Dimmable:	Yes
Rendering Index:	CRI>80
IP rating:	IP67 (Waterproof)
Dimensions:	Ø 18 mm (0.7 in), Height 21 mm (0.82 in)
Cut Size:	Ø 13 mm (0.51 in)
Certification:	ETL

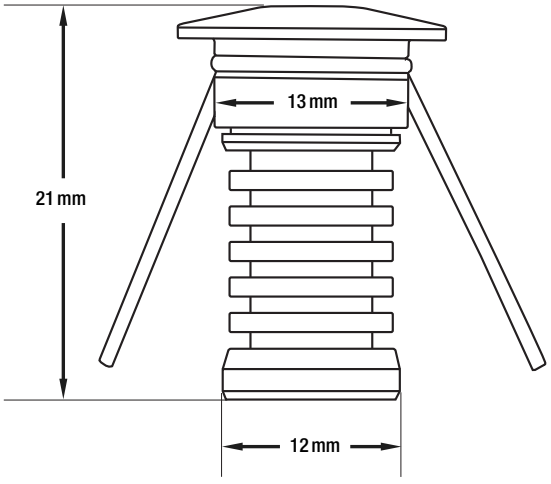


SKU: 666561413064

Features

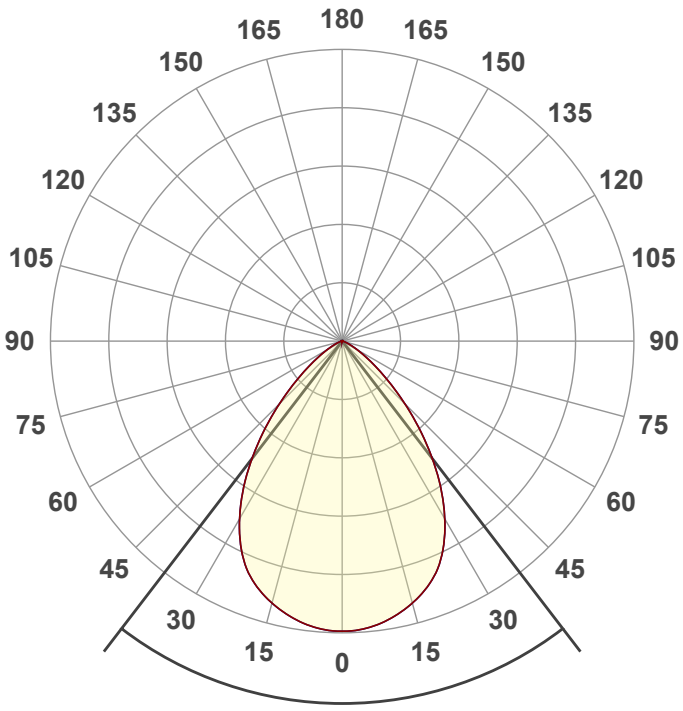
- This mini ground light is perfect for marking path and walkways, step light, decking, and in-ground lighting.
- Constructed from anodized aluminum with a hardened glass diffuser, these light fittings are highly durable products.
- Ideal for both indoor and outdoor applications. Widely used in exterior garden/commercial/landscape lighting design.
- Meets all Canadian and United States standards with UL STD. C22.2
- Is a dustproof and waterproof light with IP rating IP67.
- We also carry in Daylight (5000k) color temperature.
- Low power consumption, high energy efficiency.
- Comes with 6 inches of AWG 22 wire with push springs for easy installation.
- Has a lifespan of 35,000 hours.
- Dimmer control must have the same input rating as the dimmable power supply driver it connects to. Other low voltage dimmers are also compatible.
- Dissipates very less heat and is safe to touch.





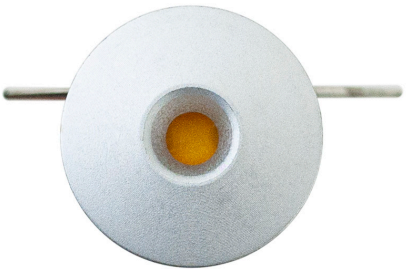
Disclaimer

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.



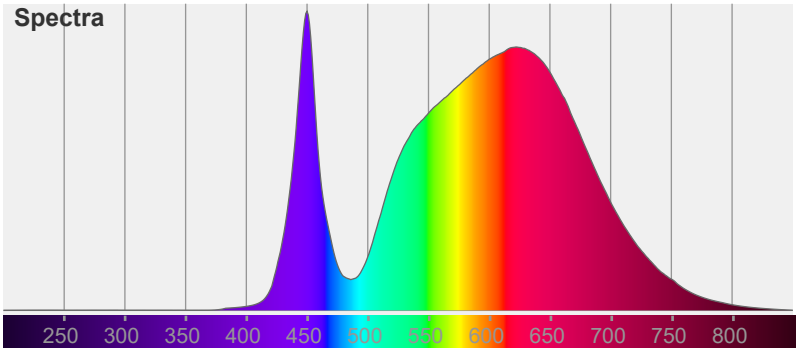
Beam angle

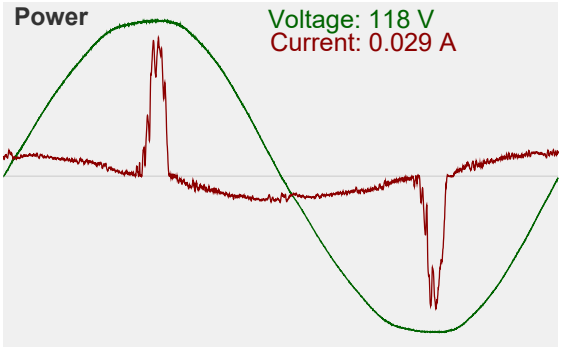
75°

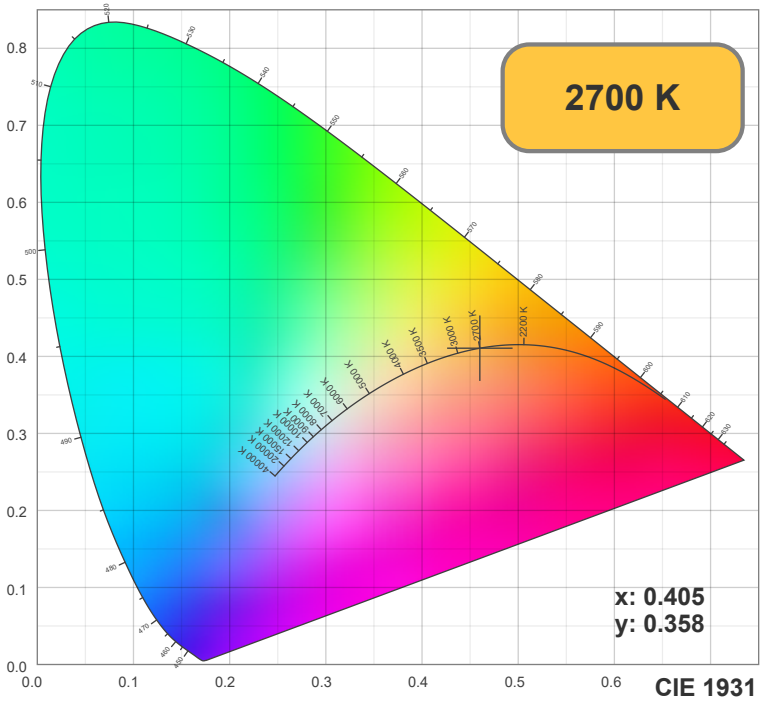


Color

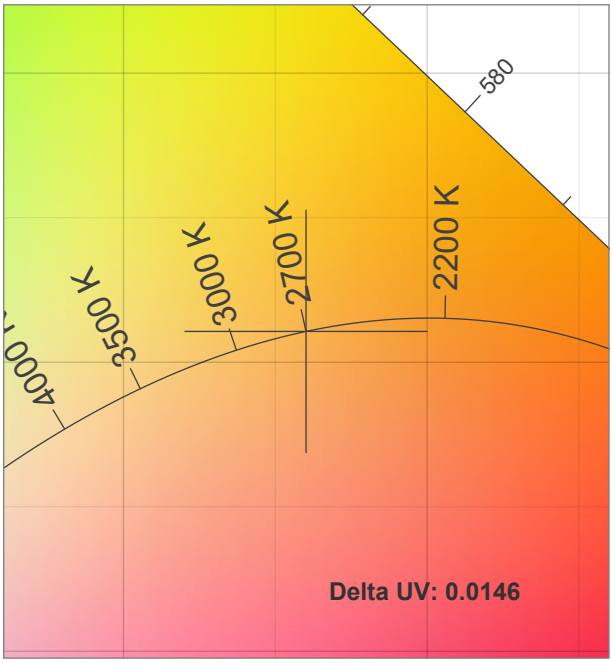
CIE1931
x: 0.405
y: 0.358





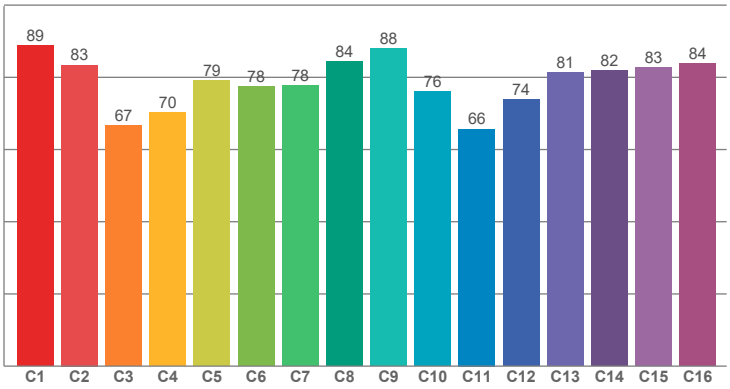


CIE 1931

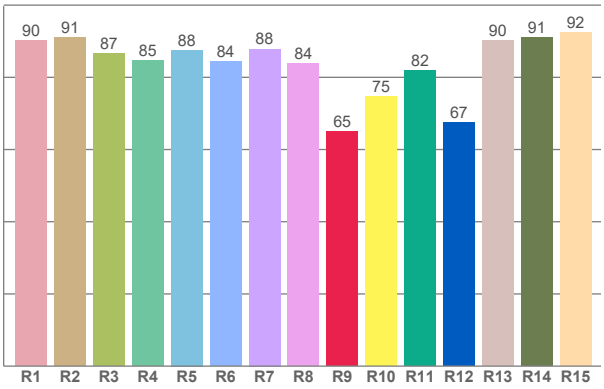


CIE 1931 ZOOM

TM30: 78.9



CRI: 87.0 (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
90.21	91.02	86.57	84.72	87.54	84.39	87.88	83.82	64.91	74.73	81.99	67.45	90.12	91.11	92.34

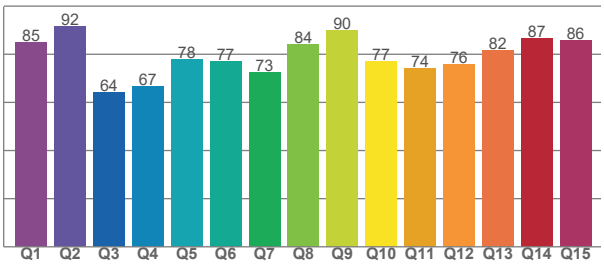
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
88.74	83.42	66.70	70.36	79.02	77.51	77.64	84.48	88.00	76.05	65.71	73.88	81.26	81.86	82.71	83.77

CQS Q values

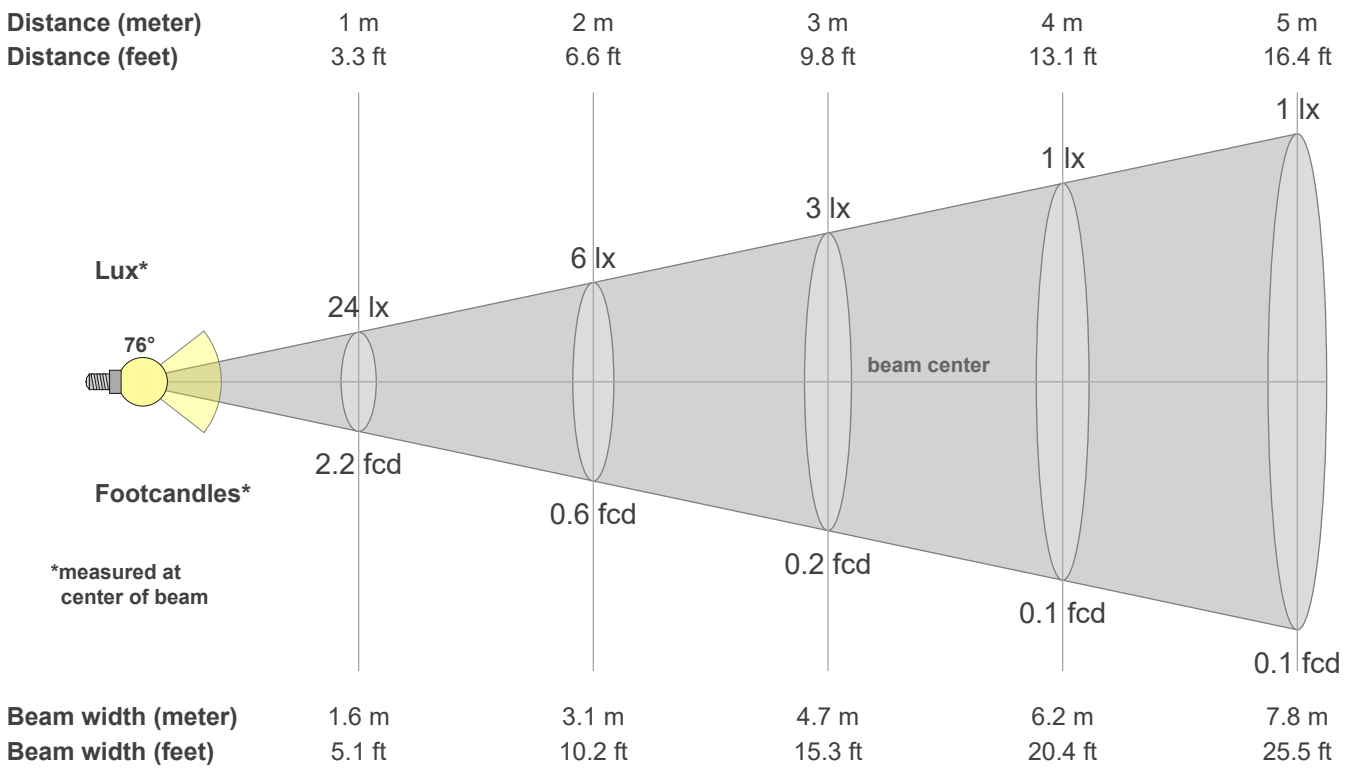
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.96	91.76	64.19	66.52	77.81	77.23	72.70	84.32	89.92	77.10	74.29	76.01	81.61	86.50	85.69

CQS: 77.9



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2700 K	87.0	64.9	78.9	106.8	77.9	0.5	0.4	0.3	0.4	-0.0146



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°
23.8	23.6	23.1	22.2	21.1	19.3	16.8	13.8	10.5	7.3	4.6	2.7	1.5	0.7	0.4	0.2	0.1	0.0	0.0	0.0
100%	99%	97%	93%	89%	81%	71%	58%	44%	31%	19%	11%	6%	3%	1%	1%	0%	0%	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°
23.8	23.6	23.1	22.2	21.1	19.3	16.8	13.8	10.5	7.3	4.6	2.7	1.5	0.7	0.4	0.2	0.1	0.0	0.0	0.0
100%	99%	97%	93%	89%	81%	71%	58%	44%	31%	19%	11%	6%	3%	1%	1%	0%	0%	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°
23.8	23.6	23.1	22.2	21.1	19.3	16.8	13.8	10.5	7.3	4.6	2.7	1.5	0.7	0.4	0.2	0.1	0.0	0.0	0.0
100%	99%	97%	93%	89%	81%	71%	58%	44%	31%	19%	11%	6%	3%	1%	1%	0%	0%	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°
23.8	23.6	23.1	22.2	21.1	19.3	16.8	13.8	10.5	7.3	4.6	2.7	1.5	0.7	0.4	0.2	0.1	0.0	0.0	0.0
100%	99%	97%	93%	89%	81%	71%	58%	44%	31%	19%	11%	6%	3%	1%	1%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75.7°	112.1°	133.0°	97.1%	83.3%