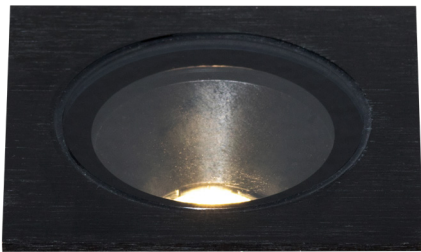
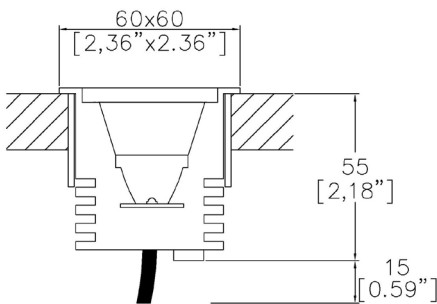


# ProSpex InGround60 Square



60 x 60mm (2.36" x 2.36") overall dimension. Fully recessed InGround uplight for interior and exterior installation. IP66 and IP67 rated fixtures. Family of matching products also available. Required depth depending on installation method^



IG60-SQ

LED Source	LED	LED	LED	LED	LED
CCT	3000K	3000K	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA	350mA	350mA
Power inc Driver	4.75W	4.75W	4.75W	4.75W	4.75W
Beam Angle	8°	15°	25°	30°	10°x 45°
Delivered Lumens	100	275	286	286	276
Delivered Intensisty cd	3519	1806	745	732	1517
Efficacy lm/w	21	58	60	60	58
Forward Volt	11.5V	11.5V	11.5V	11.5V	11.5V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI
Ingress Protection	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67
Impact Protection	IK08	IK08	IK08	IK08	IK08

Project Ref: \_\_\_\_\_ Location Ref: \_\_\_\_\_

Fixture Order Code: 

IG60-SQ

 -  -  -  -

Fixture  
IG60-SQ

InGround60 Square

CCT  
27  
30  
40

90 CRI 2700K  
90 CRI 3000K  
90 CRI 4000K

Finish  
BSS  
PSS  
BRZ  
ABZ  
ASV  
ABK

Brushed 316 Stainless Steel  
Polished 316 Stainless Steel  
Flamed Bronze  
Antique Bronze (Interior Only)  
Hard Anodised Matt Silver (Interior Only)  
Hard Anodised Matt Black

Beam  
8  
15  
25  
30  
10x45

8° (Accessories cannot be used with 8°)  
15°  
25°  
30°  
10° x 45°

Protocol  
S  
A  
P  
D  
B

Non-Dim  
Analogue (0-10v)  
Phase  
DALI  
Bluetooth\*\*

Please refer to installation instruction for wiring diagram

Installation Methods:

For pool environments please use IG60-SGTUBE or IG60-CB installation method.

IG60-SPR  
Installation Springs:

For installation in solid surface with hollow cavity.

IG60-SGTUBE  
Soft Ground Mounting Tube:

For installation in outdoor soft ground locations

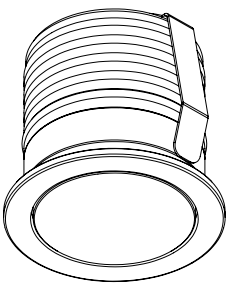
IG60-TUBE  
Indoor Tube:

For installation in indoor floor or wall locations  
Cut out: 53mm Ø

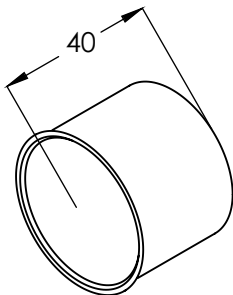
IG60-CB\*  
Concrete pour box:

For installation in concrete floor

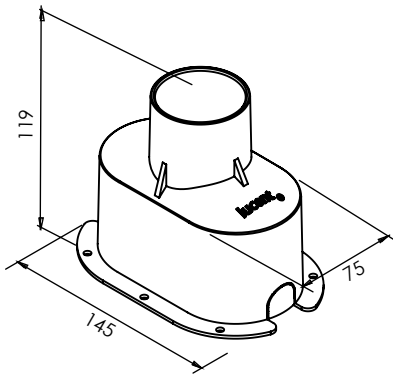
\*Driver to be remote



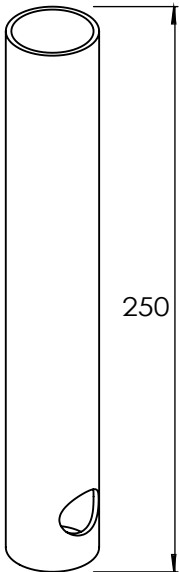
IG60-SPR



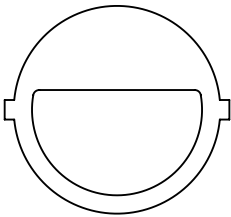
IG60-TUBE



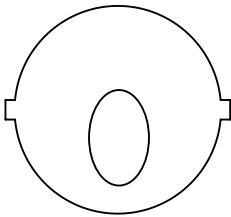
IG60-CB



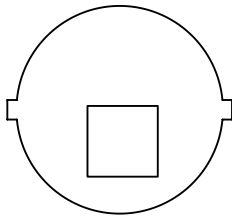
IG60-SGTUBE



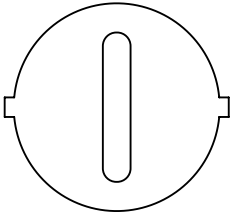
IG60-IN-SD



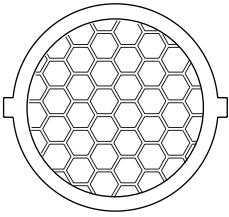
IG60-IN-EL



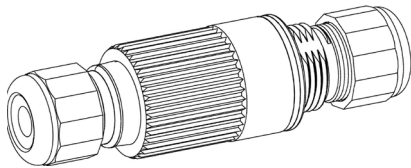
IG60-IN-SQ



IG60-IN-SL



IG60-IN-HC



TH381

Accessories Order Code:

Accessories

IG60-IN-SD	Glare Shield
IG60-IN-EL	Elliptical Beam Effect
IG60-IN-SQ	Square Beam Effect
IG60-IN-SL	Narrow Slot Effect
IG60-IN-HC	Honeycomb Louver
TH381	IP68 Connector

Accessories cannot be used with 8° beam angle or 10°x45° optic.

All Lucent InGround products are supplied as standard with pre-wired 1.5m lead

Technical Details

\*Custom RAL code must be specified. Custom RAL colours can increase prices and lead times

Dimming. Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

\*\*Bluetooth (wireless) is the communication method. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or bluetooth devices.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant luminaire installation instructions for further details.Data correct at time of publishing

First Fix Requirement. Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire instllation instructions for details)

IP Rating. Tested from underside of the ceiling

It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

Luminaires designed to comply with EN60598 and all other standards.

This specification sheet superseded all previous versions.

All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting Ltd.

We reserve the right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

## Light efficiency:

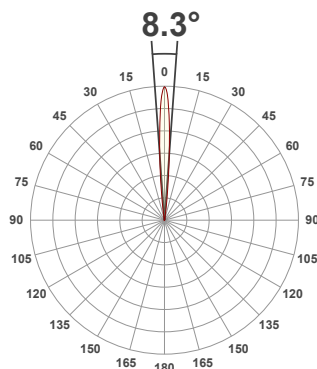
21 Lumen/Watt

## Light quality:

CRI: 92.3

## Color temperature:

3000 K



## Product name:

InGround 60, 3000K, 8°, 350mA

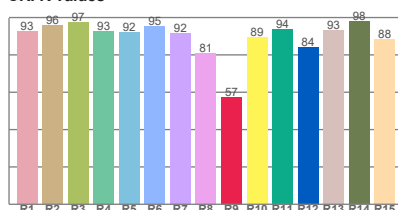
## Item number:

IG60-30-8-350mA

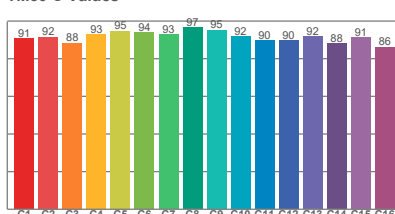
Delivered information for above fixture and LED combination.

Output: 99.9 Lumen Peak intensity: 3519 cd Power consumption: 4.7

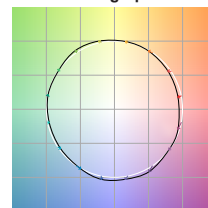
### CRI R values



### TM30 C Values

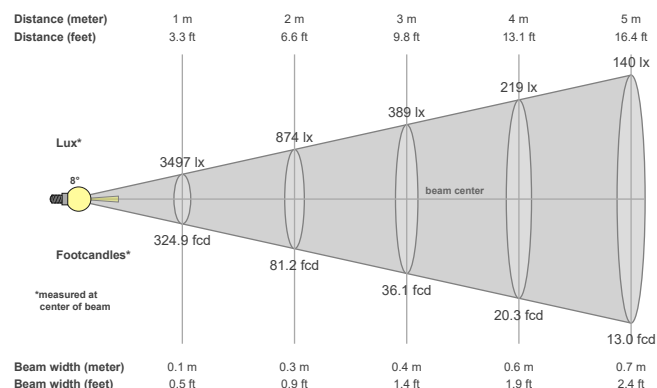


### Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	92.3	57.3	91.6	100.2	90.0	0.437	0.404	0.259	0.350	-0.0005

### Beam details



### Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
8.3°	14.9°	19.8°

### Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3519 cd	98.6%	97.8%

### 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
3497lx	874lx	389lx	219lx	140lx	97lx	71lx	55lx	43lx	35lx	29lx	24lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
324.9fcd	81.2fcd	36.1fcd	20.3fcd	13fcd	9fcd	6.6fcd	5.1fcd	4fcd	3.2fcd	2.7fcd	2.3fcd	1.9fcd	1.7fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82

4000K = 1.11

## Light efficiency:

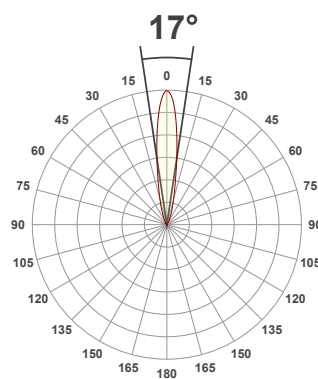
**58 Lumen/Watt**

## Light quality:

**CRI: 92.0**

## Color temperature:

**3000 K**



## Product name:

**InGround 60, 3000K, 15°, 350mA**

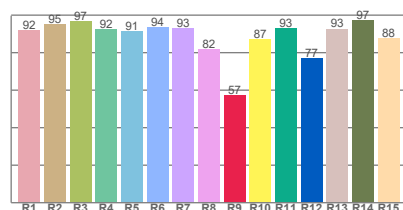
## Item number:

**IG60-30-15-350mA**

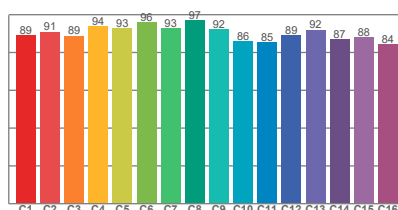
**Delivered information for above fixture and LED combination.**

**Output: 275 Lumen    Peak intensity: 1806 cd    Power consumption: 4.7**

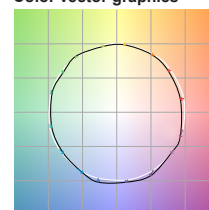
CRI R values



TM30 C Values

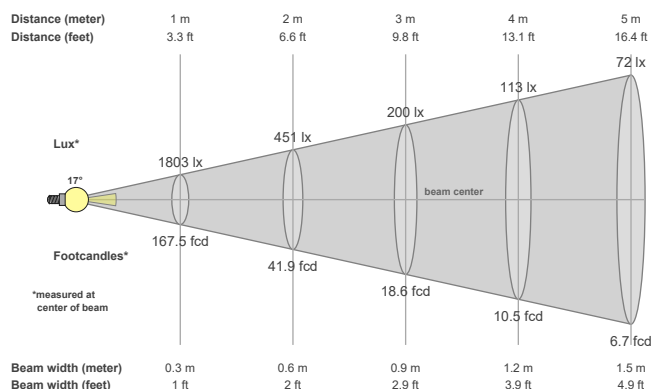


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	92.0	57.2	90.3	98.8	90.6	0.437	0.404	0.247	0.347	0.0011

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
17°	40.5°	60°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1806 cd	99.1%	98.4%

## 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
1803lx	451lx	200lx	113lx	72lx	50lx	37lx	28lx	22lx	18lx	15lx	13lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx	5lx
167.5fcd	41.9fcd	18.6fcd	10.5fcd	6.7fcd	4.7fcd	3.4fcd	2.6fcd	2.1fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.7fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82

4000K = 1.11

## Light efficiency:

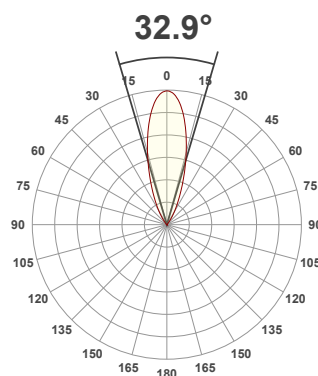
**60 Lumen/Watt**

## Light quality:

**CRI: 91.8**

## Color temperature:

**3000 K**



## Product name:

**InGround 60, 3000K, 25°, 350mA**

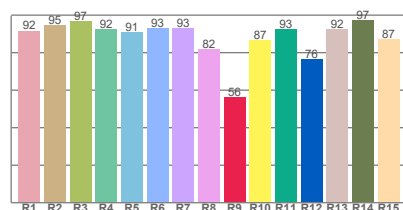
## Item number:

**IG60-30-25-350mA**

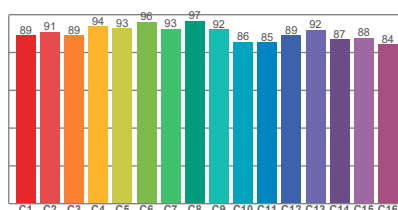
**Delivered information for above fixture and LED combination.**

**Output: 286 Lumen    Peak intensity: 745 cd    Power consumption: 4.7**

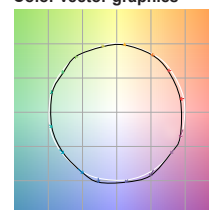
CRI R values



TM30 C Values

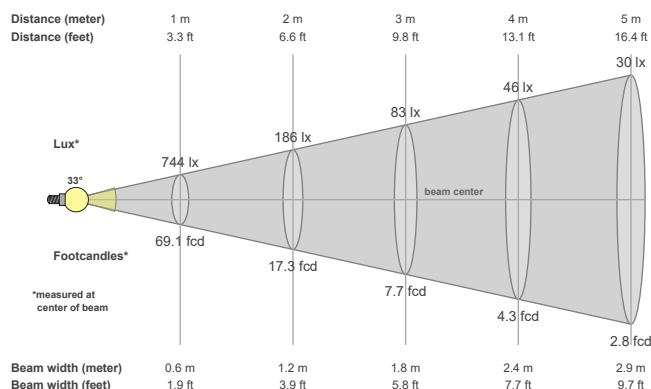


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.8	56.3	90.2	98.5	90.5	0.437	0.404	0.247	0.348	0.0016

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
32.9°	62.5°	77.8°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
745 cd	99.2%	98.4%

## 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
744lx	186lx	83lx	46lx	30lx	21lx	15lx	12lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
69.1fcd	17.3fcd	7.7fcd	4.3fcd	2.8fcd	1.9fcd	1.4fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82  
4000K = 1.11

## Light efficiency:

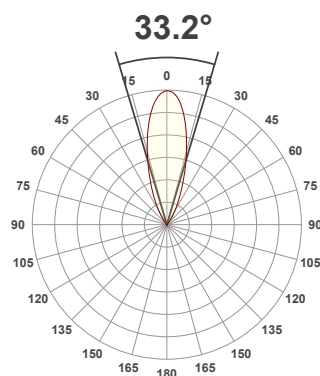
**60 Lumen/Watt**

## Light quality:

**CRI: 91.8**

## Color temperature:

**3000 K**



## Product name:

**InGround 60, 3000K, 30°, 350mA**

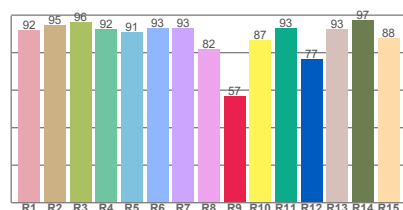
## Item number:

**IG60-30-30-350mA**

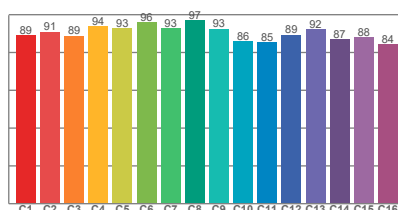
**Delivered information for above fixture and LED combination.**

**Output: 286 Lumen    Peak intensity: 732 cd    Power consumption: 4.7**

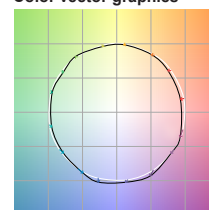
CRI R values



TM30 C Values

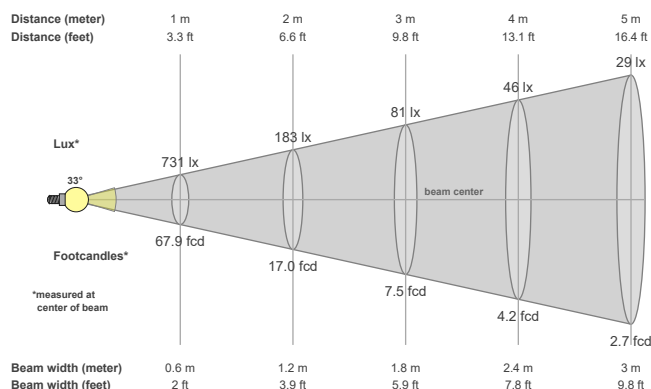


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.8	56.8	90.3	98.8	90.6	0.437	0.404	0.247	0.348	0.0015

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.2°	62.7°	77.8°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
732 cd	98.9%	98.0%

## 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
731lx	183lx	81lx	46lx	29lx	20lx	15lx	11lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
67.9fcd	17fcd	7.5fcd	4.2fcd	2.7fcd	1.9fcd	1.4fcd	1.1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82

4000K = 1.11

## Light efficiency:

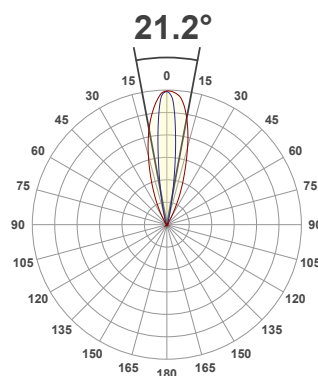
**58 Lumen/Watt**

## Light quality:

**CRI: 91.8**

## Color temperature:

**3000 K**



## Product name:

**InGround 60, 3000K, 10°x45°, 350mA**

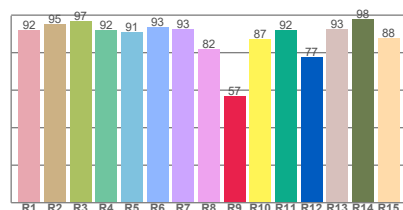
## Item number:

**IG60-30-10x45-350mA**

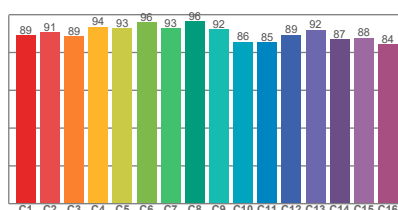
**Delivered information for  
above fixture and LED  
combination.**

**Output: 276 Lumen    Peak intensity: 1517 cd    Power consumption: 4.7**

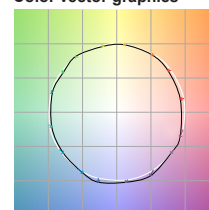
CRI R values



TM30 C Values

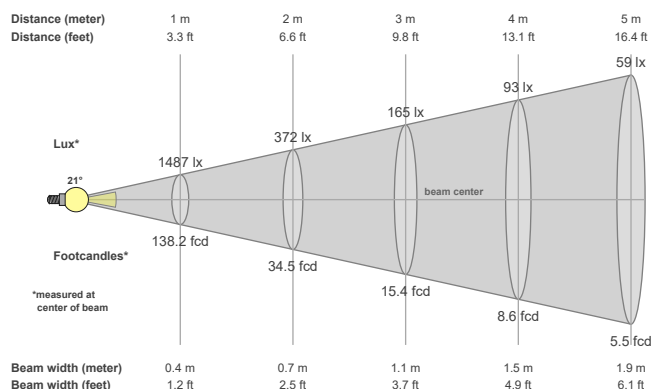


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.8	56.7	90.2	98.7	90.4	0.437	0.404	0.247	0.347	0.0010

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
21.2°	39.4°	56.9°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1517 cd	100.0%	98.9%

## 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
1487lx	372lx	165lx	93lx	59lx	41lx	30lx	23lx	18lx	15lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx
138.2fcd	34.5fcd	15.4fcd	8.6fcd	5.5fcd	3.8fcd	2.8fcd	2.2fcd	1.7fcd	1.4fcd	1.1fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82

4000K = 1.11