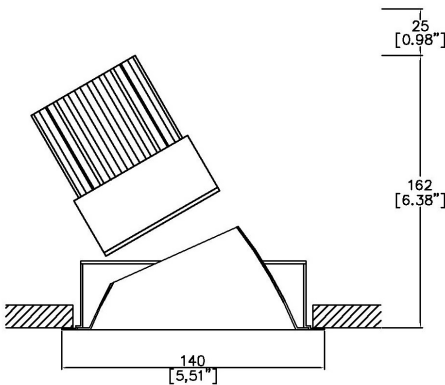


ProSpex 140 Accent



140mm (5.51”) overall diameter. Available with standard trim kit. Family of matching products also available.  
Up to 35° tilt. Required depth height + 25mm^



143-LED

LED Source	LED71TW	LED71TW	LED71TW
CCT range	5000K-2000K	@ 3000K	@ 3000K
Drive Current (max per channel)	1000mA	1000mA	1000mA
Power inc Driver Max	27.5W	27.5W	27.5W
Beam Angle	19°	23°	42°
Delivered Lumens	1259	1231	1171
Delivered Intensisty cd	5186	3924	2048
Efficacy lm/w	46	45	43
Forward Volt (max per channel)	23.4V	23.4V	23.4V
CRI	≥95 CRI	≥95 CRI	≥95 CRI

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

Fixture Order Code: 

143-LED

 -  -  -  -

Fixture

143-LED

Reflector140 Accent with LED71

Reflector Finish

PS  
SS  
CG  
BK  
WH

Polished Silver  
Satin Silver  
Champagne Gold  
Black  
White

Trim Finish

WH  
BK  
RAL

White  
Black  
Custom RAL Colour\*

IP Rating

44

IP44

Emergency

E  
ED  
ES

Maintained 3hr Emergency  
Maintained 3hr DALI Self Test  
Maintained 3hr Self Test

LED Order Code: 

LED71TW

 - 

5020

 -  -

LED

LED71TW

LED70 ONE Tuneable White

CCT

5020

5000K - 2000K

Beam

19  
23  
42

19°  
23°  
42°

Protocol

D6  
D8  
B

DALI Type 6\*\*  
DALI Type 8\*\*  
Bluetooth\*\*\*



Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

Louvre/Lens

- MD45 Honeycomb Louvre
- MDCC Warm Tone Lens
- MDUV UV Lens
- MDDF Diffusing Lens
- MDFR Frosted Lens
- MDLS Linear Spread Lens
- MDHS Heavy Spread Lens

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.

\*\*DALI Type 6 requires two DALI addresses, one for CCT control the other for Intensity control. DALI Type 8 is a single DALI Type 8 address for CCT and Intensity control. Please check which control system is being used before specifying.

\*\*\*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 installation 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 supersedes 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:

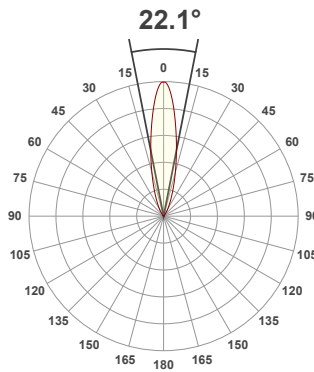
**46 Lumen/Watt**

## Light quality:

**CRI: 89.9**

## Color temperature:

**3000 K**



## Product name:

**143-LED-PS - LED71W-5020-19  
3000K**

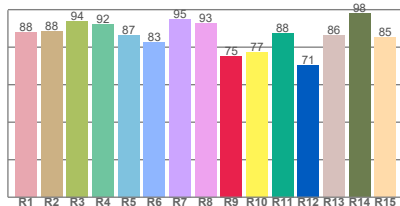
## Item number:

**ProSpex140 Accent PS reflector -  
LED71W-5020-19 @ 3000K**

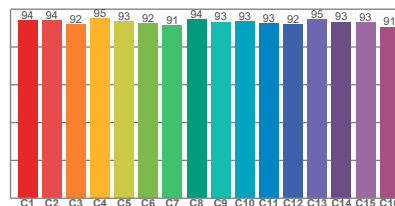
**Delivered information for above  
fixture and LED combination.**

**Output: 1259 Lumen    Peak intensity: 5186 cd    Power consumption: 27.5**

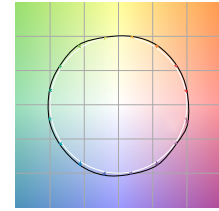
## CRI R values



## TM30 C Values

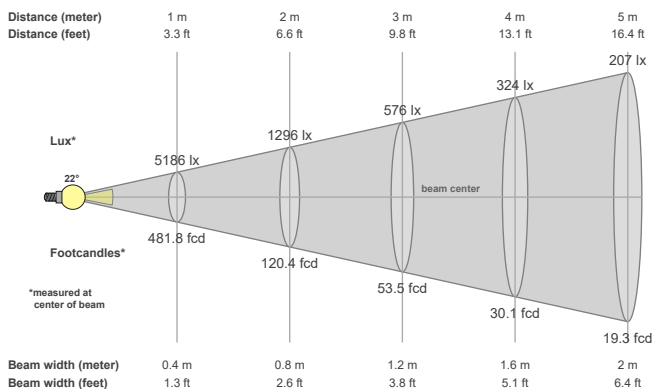


## Color vector graphics



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	89.9	75.3	93.3	106.6	93.6	0.437	0.404	0.255	0.332	-0.0158

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22.1°	51.9°	72°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
5186 cd	98.5%	98.2%

## 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
5186lx	1296lx	576lx	324lx	207lx	144lx	106lx	81lx	64lx	52lx	43lx	36lx	31lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
481.8fcd	120.4fcd	53.5fcd	30.1fcd	19.3fcd	13.4fcd	9.8fcd	7.5fcd	5.9fcd	4.8fcd	4fcd	3.3fcd	2.9fcd	2.5fcd	2.1fcd	1.9fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

2000K = 0.75

2700K = 0.93

3500K = 1.07

4000K = 1.11

5000K = 1.17

**Light efficiency:**

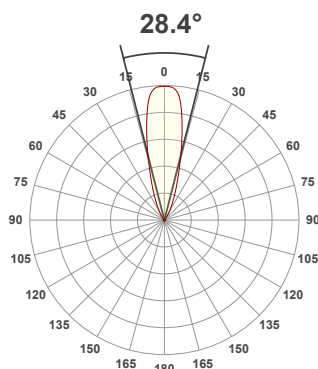
## 45 Lumen/Watt

## ty:

**CRI: 89.9**

**Color temperature:**

**3000 K**



**Product name:**

**143-LED-PS - LED71W-5020-23  
3000K**

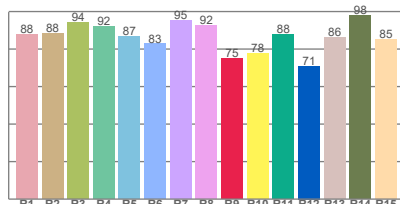
Item number:

**ProSpex140 Accent PS reflector -  
LED71W-5020-23 @ 3000K**

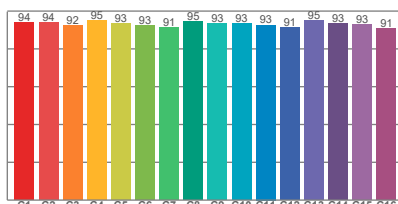
**Delivered information for above fixture and LED combination.**

**Output: 1237 Lumen    Peak intensity: 3924 cd    Power consumption: 27.5**

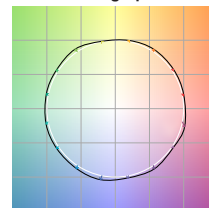
### CRI R values



### TM30 C Values

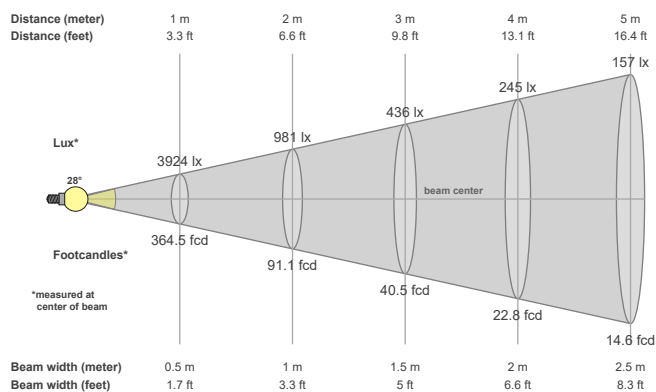


## Color vector graphics



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	89.9	75.0	93.3	106.6	93.7	0.437	0.404	0.254	0.332	-0.0156

### Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
28.4°	56.2°	73.7°

### Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3924 cd	98.1%	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
3924lx	981lx	436lx	245lx	157lx	109lx	80lx	61lx	48lx	39lx	32lx	27lx	23lx	20lx	17lx	15lx	14lx	12lx	11lx	10lx
364.5fcd	91.1fcd	40.5fcd	22.8fcd	14.6fcd	10.1fcd	7.4fcd	5.7fcd	4.5fcd	3.6fcd	3fcd	2.5fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

$$2000\text{K} = 0.75$$
$$2700\text{K} = 0.93$$
$$3500\text{K} = 1.07$$
$$4000\text{K} = 1.11$$
$$5000\text{K} = 1.17$$

## Light efficiency:

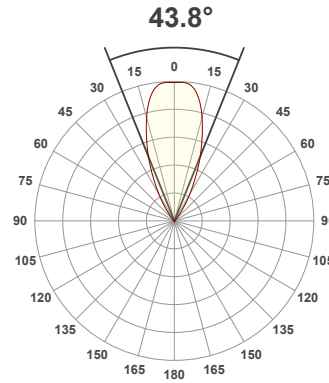
**43 Lumen/Watt**

## Light quality:

**CRI: 90.2**

## Color temperature:

**3000 K**



## Product name:

**143-LED-PS - LED71W-5020-42  
3000K**

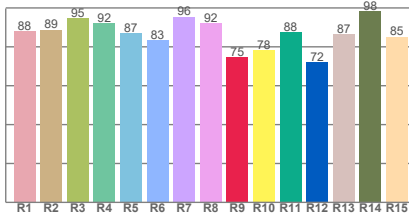
## Item number:

**ProSpex140 Accent PS reflector -  
LED71W-5020-42 @ 3000K**

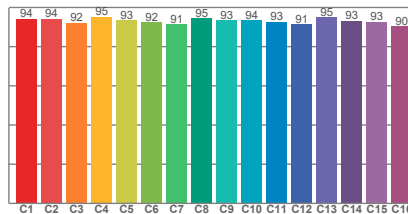
**Delivered information for above  
fixture and LED combination.**

**Output: 1171 Lumen    Peak intensity: 2048 cd    Power consumption: 27.5**

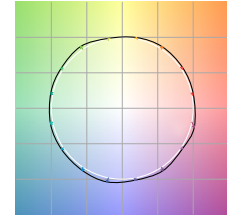
## CRI R values



## TM30 C Values

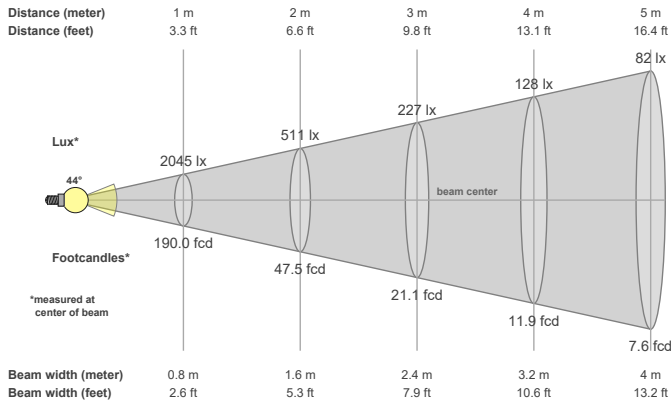


## Color vector graphics



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	90.2	74.9	93.3	106.6	93.8	0.437	0.404	0.253	0.332	-0.0154

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
43.8°	70.6°	84.4°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2048 cd	97.9%	97.4%

## 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
2045lx	511lx	227lx	128lx	82lx	57lx	42lx	32lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
190fcd	47.5fcd	21.1fcd	11.9fcd	7.6fcd	5.3fcd	3.9fcd	3fcd	2.3fcd	1.9fcd	1.6fcd	1.3fcd	1.1fcd	1fcd	0.8fcd	0.7fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

2000K = 0.75

2700K = 0.93

3500K = 1.07

4000K = 1.11

5000K = 1.17