DAlighting

FACILUX

Code: D6050

Reliable LED Downlight

Features

- Latest high performance SMD LED
- Single point light source
- Better performance than a 100w Halogen Par 38 lamp & 26w PLC Lamp
- High Power Factor >0.9.
- 5 year warranty.

Specification

Light Source	SMD LED		
Drive Current	500mA		
Power Consumption	21 w		
Power Factor	>0.9		
Color Temperature (CCT)	2700±200K	4500±200K	6000±200K
Initial Luminous flux (Total)	1850 lm	2000 lm	2150 lm
Color Rendering index (CRI)	>RA 93	>Ra 83	>Ra75
Luminaire Efficacy	93Lm/w	100 Lm/w	108 Lm/w
Input voltage	110vAC or 230vAC		
Light Beam Angle	110 degree		

Benefits

- Extra Long Life More than 35,000 hours.
- Save upto 80% of energy Consumption & reduce maintenance costs.
- Virtually no heat or UV output.
- No Mercury & Resistant to Shock and vibration.

Comparison

	 LED Down Light	 Par 38 Halogen Lamp	 Fluorescent Lamp
Power	20 w	100 w	26 w
Yearly Power Consumption	87.6 KW	438 KW	113.8 KW
Luminous intensity	2000 lms (WW)	800 lms (WW)	1560 lm (CW)
Life span	35,000 HRS	2,000 HRS	8,000
Rohs Compliant	Yes	No	No

FACILUX®20w Optical Performance Code: D6050

Color Rendering

With a Very High CRI, >Ra 93, FACI-LUX Down-lights render the true colors of illuminated items.

Reduced UV and infra-red output eliminates heat output and damage to sensitive objects.

Beam Output

FACILUX Down-lights have a wide beam angle ideal for flood lighting in lower ceilings.

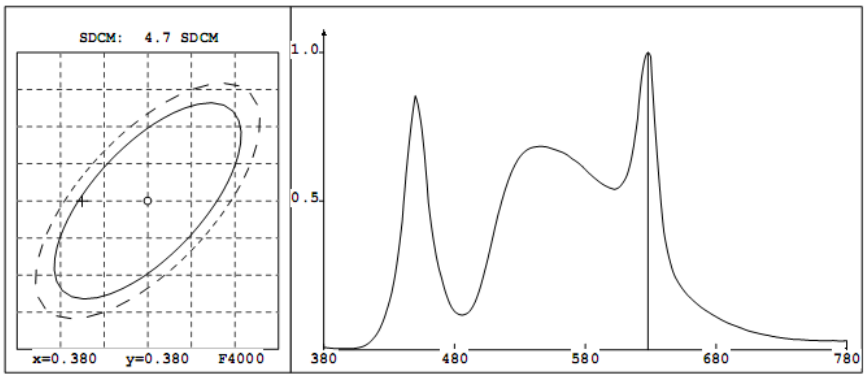
Reduced beam angle increases centre beam intensity, and this should be considered when replacing existing lighting fixture

Distribution

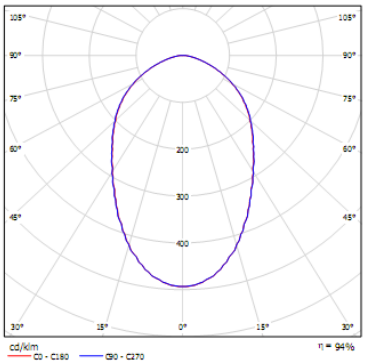
The amount of light distributed depends on the distance of the target area.

Beam angle has a direct effect on the amount of light achieved, as narrow beam angles result in higher intensity lighting.

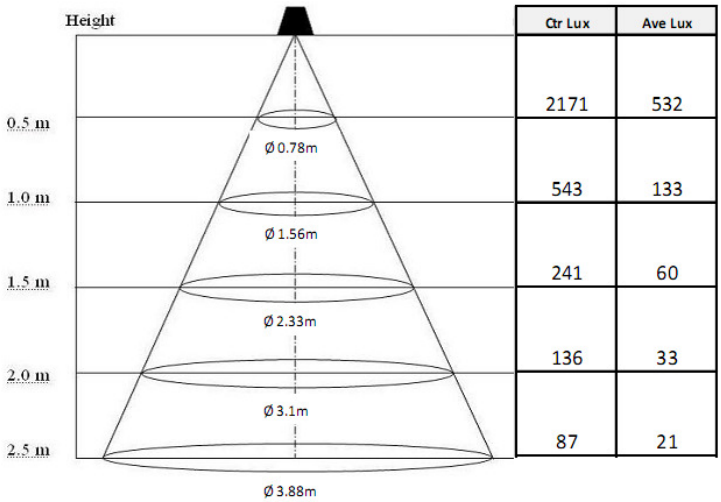
Relative Spectral Power Distribution (4500k source)



Lens options & Beam Angles



Light Distribution (@4500k)



Ctr Lux	Ave Lux
2171	532
543	133
241	60
136	33
87	21