



## 3 INCH 3W WARM WHITE DOWNLIGHT

**VOL-3DL-003-WW**



### SECTION 1: SPECIFICATIONS

POWER	3W
VOLTAGE	85-277 V
MATERIAL	ALUMINUM, POLYMETHYL METHACRYLATE
LIGHT OUTPUT	250 lm
BEAM ANGLE	120°
CCT	6000-6500K (WW)
IP RATING	30
FIXTURE LIGHT SPAN	50,000 HOURS
HUE	WARM WHITE
SIZE	3 INCH

### CERTIFICATIONS

**RoHS**  
Compliant

**CE**

**UL**

## SECTION 2: LIGHT SOURCE DESCRIPTION (LED CHIP)

LED TYPE	2835 SMD EPISTAR
NUMBER OF LEDS	15

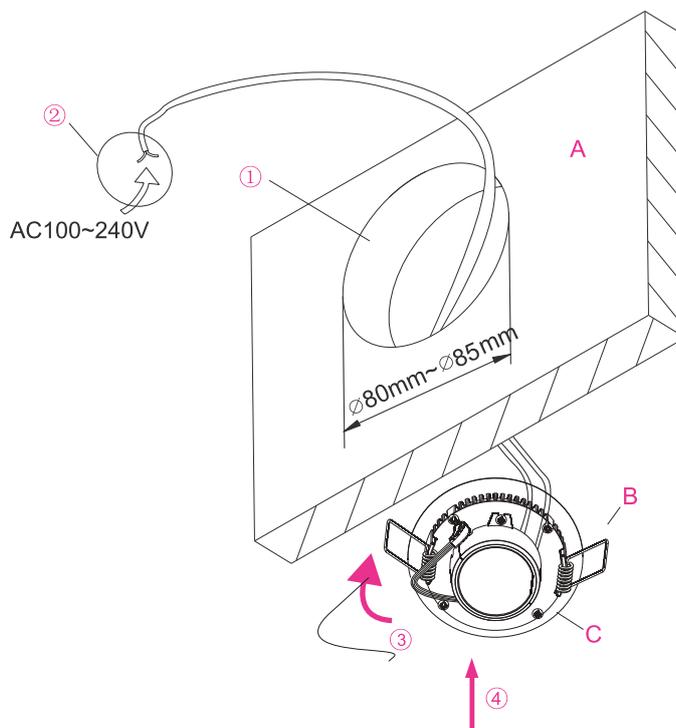
## SECTION 3: COMPARABLE OLDER LIGHT SOURCE

3 INCH LED DOWNLIGHT	3 INCH DOWNLIGHT W/MR 16 BULB
250 LUMENS	200 LUMENS
3 WATT	10 WATT POWER
50,000 HOUR LIFESPAN	200 HOUR LIFESPAN
WITHSTAND VOLTAGE SURGES	FILAMENT DESTROYED WITH SMALL VOLTAGE SURGES
AVAILABLE IN WARM & COOL	ONLY AVAILABLE IN WARM

## SECTION 4: INSTALLATION DETAILS

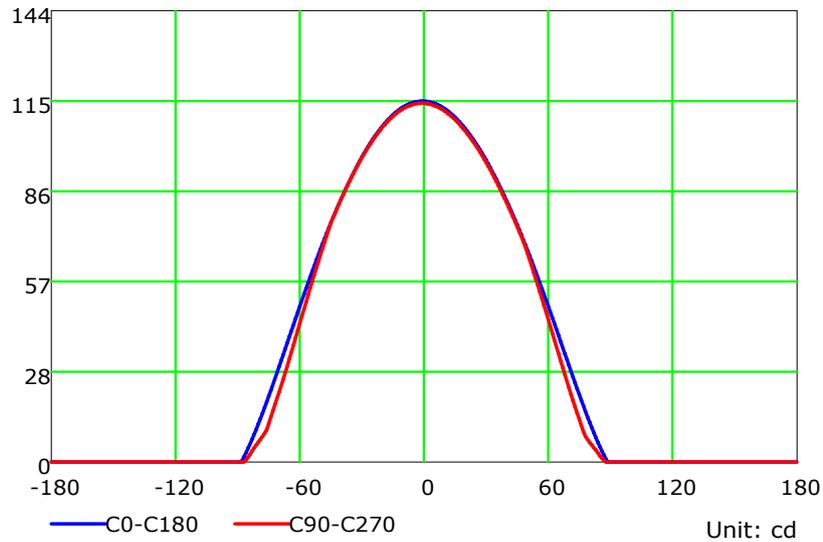
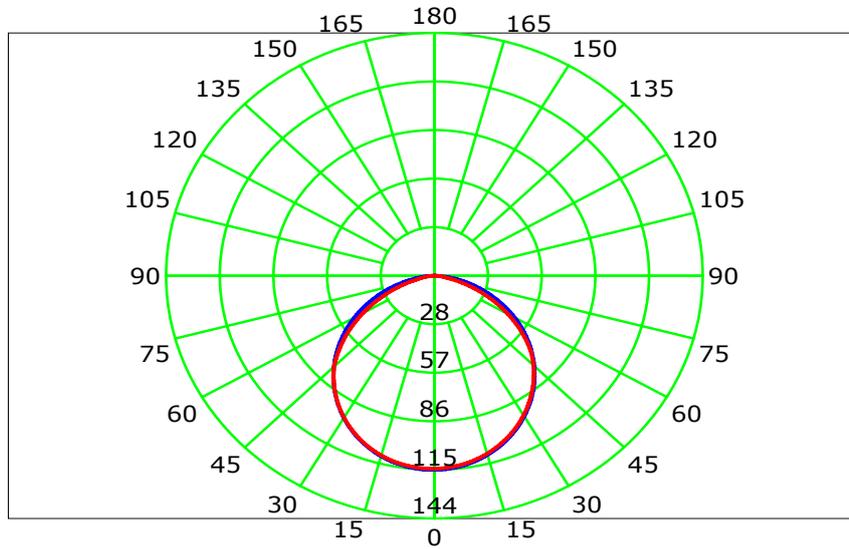
①	make a hole
②	connect the power wire
③	push spring
○	Driver

A	Wall
B	Spring
C	LED lamp
D	Driver



## SECTION 5: PHOTOMETRIC DISTRIBUTION

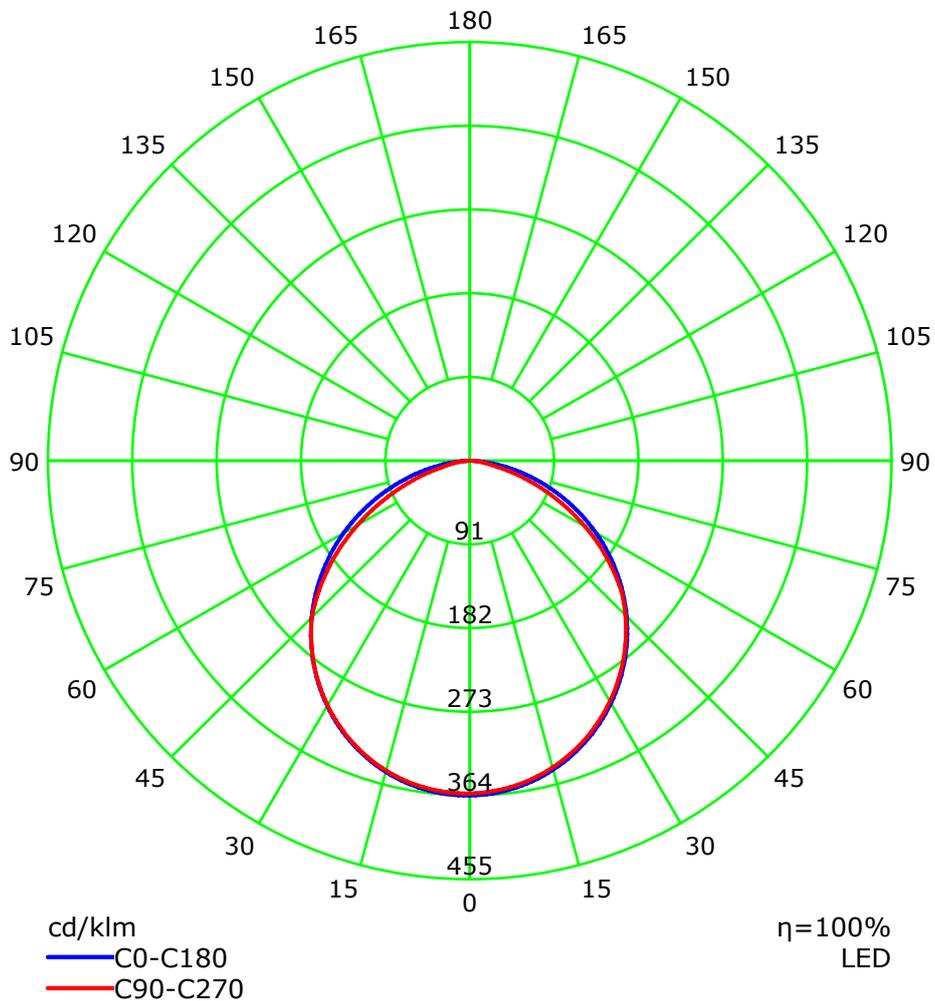
### LUMINOUS INTENSITY DISTRIBUTION CURVE



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 27  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.495 m  
Humidity: 67  
Inspector:

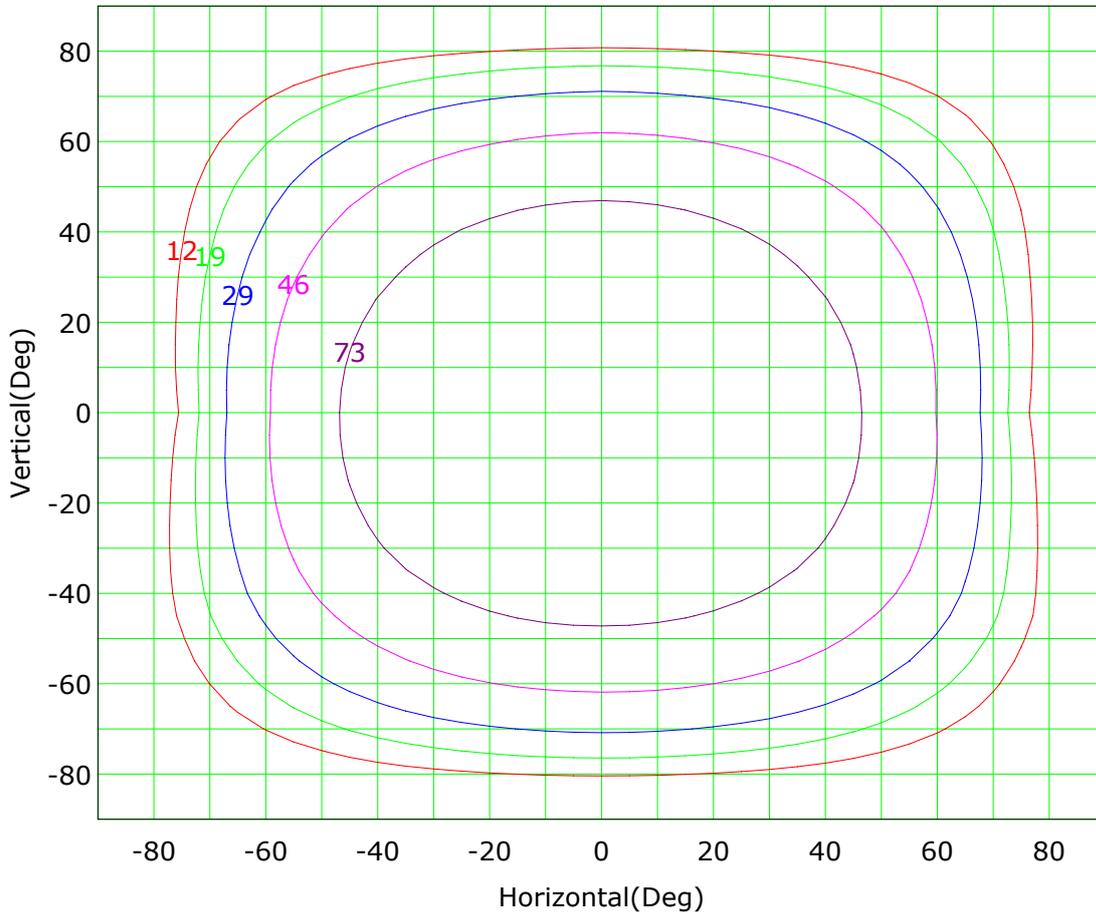
LUMINOUS INTENSITY DISTRIBUTION CURVE (CD/KLM)



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 27  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.495 m  
Humidity: 67  
Inspector:

SECTION 6: ISOCANDELA DIAGRAM



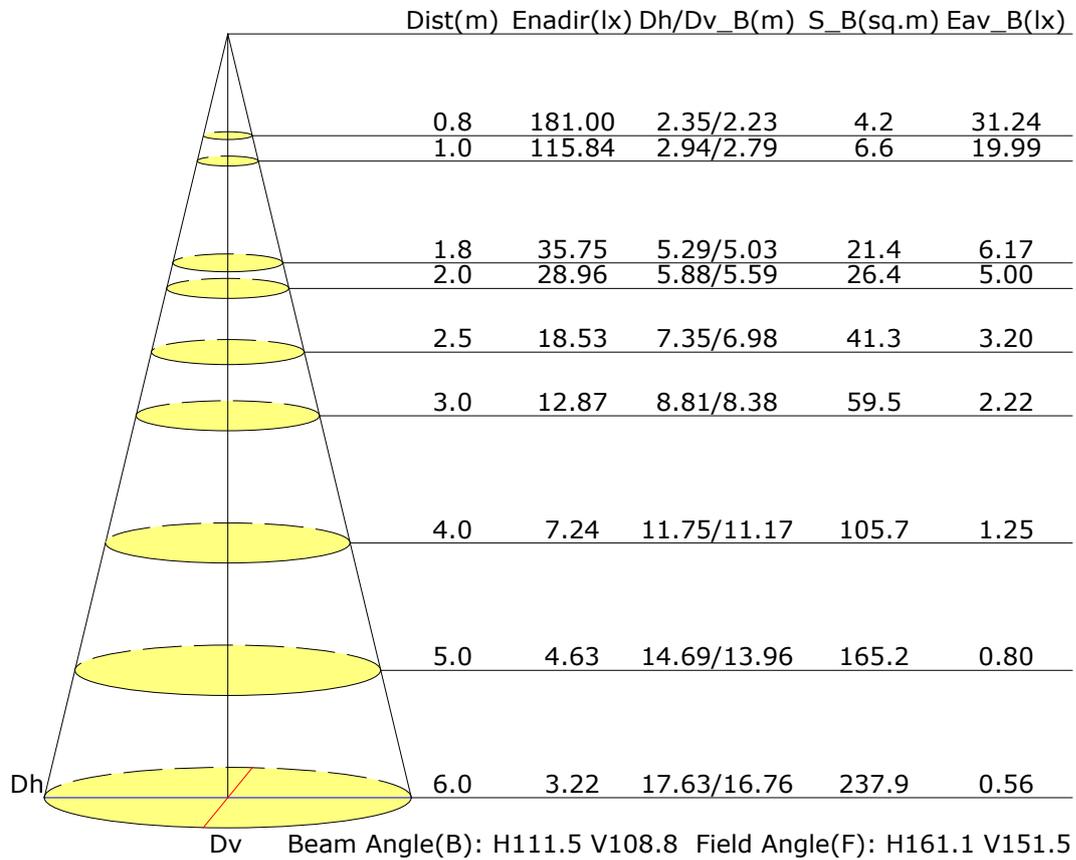
Imax (100%): 116 cd

— ( 10%): 12 cd	— ( 16%): 19 cd
— ( 25%): 29 cd	— ( 40%): 46 cd
— ( 63%): 73 cd	— (100%): 116 cd

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 27  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.495 m  
Humidity: 67  
Inspector:

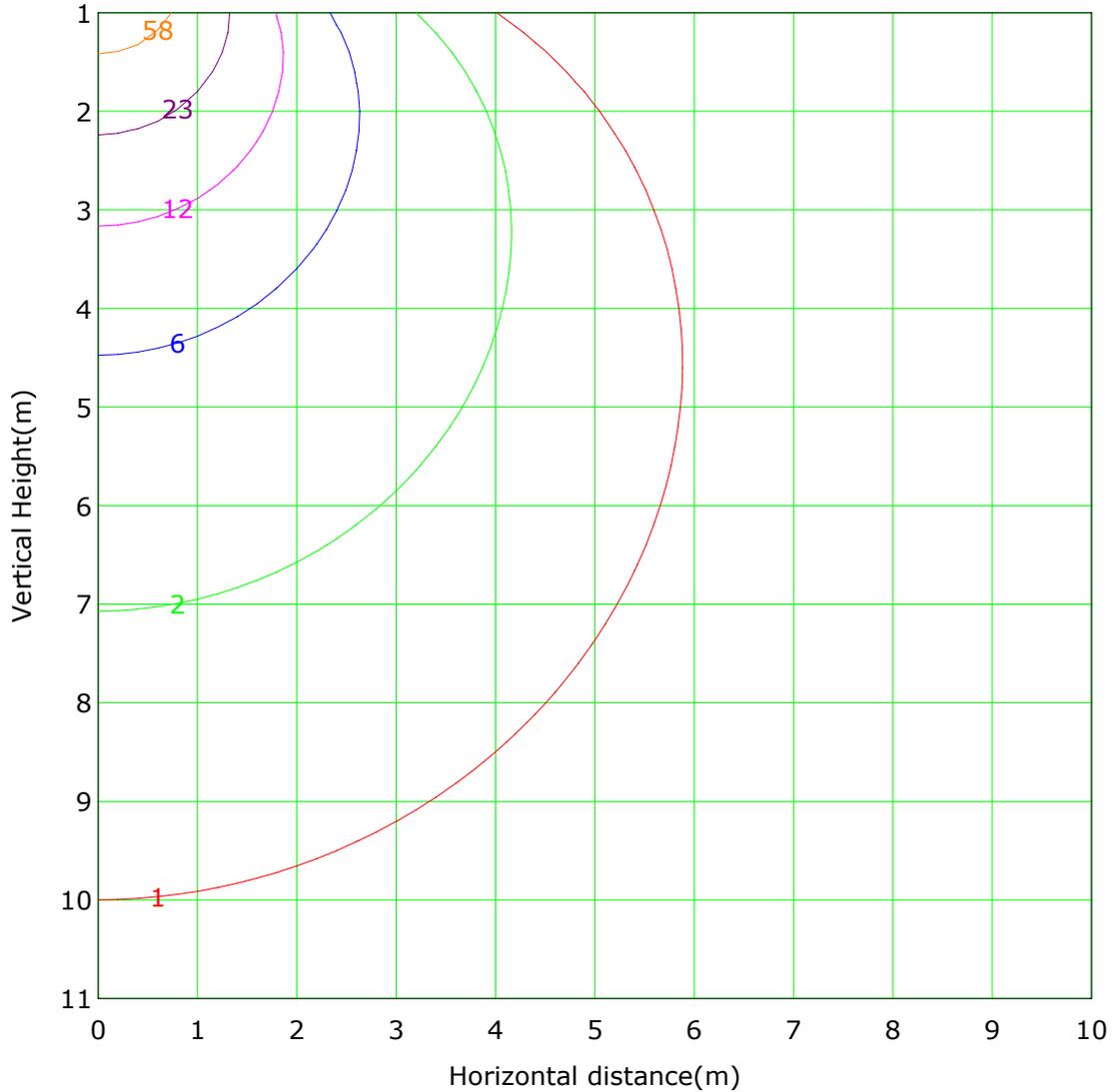
**SECTION 7: ILLUMINANCE AT A DISTANCE**



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 27  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.495 m  
Humidity: 67  
Inspector:

SECTION 8: ISOLUX DIAGRAM

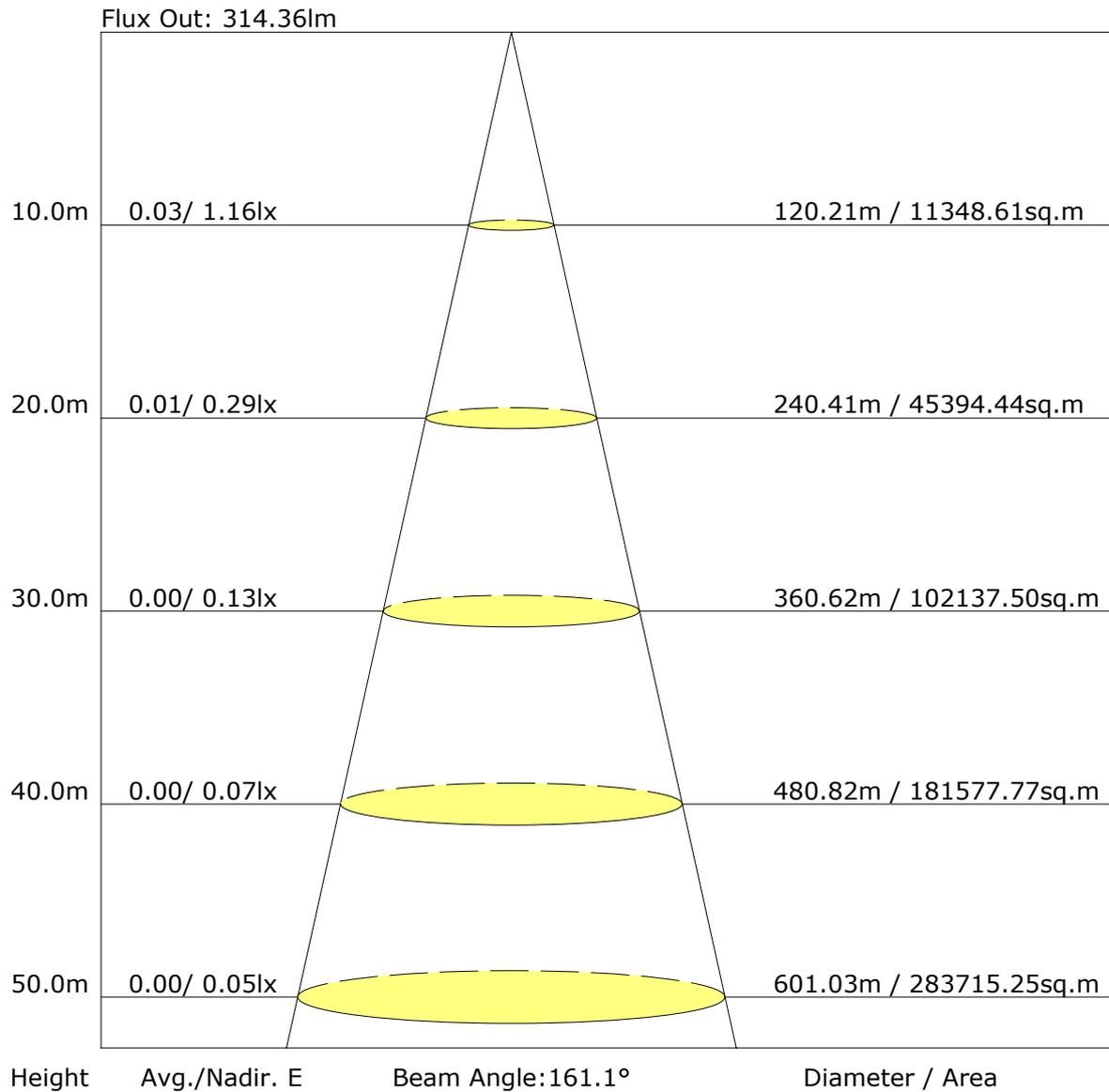


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 115.8 lx
— ( 1%): 1.2 lx	— ( 2%): 2.3 lx	
— ( 5%): 5.8 lx	— (10%): 11.6 lx	
— (20%): 23.2 lx	— (50%): 57.9 lx	
— (100%): 115.8 lx		

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 27  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.495 m  
Humidity: 67  
Inspector:

**SECTION 9: AVERAGE ILLUMINANCE EFFECTIVE FIGURE**



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 27  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.495 m  
 Humidity: 67  
 Inspector: