



## DOWNLIGHT 4IN 6W

VOL-4DL-006-WW



### SECTION 1: SPECIFICATIONS

POWER	6W
VOLTAGE 85-256V	85-256V
MATERIAL	Aluminum, Polymethyl Methacrylate
LIGHT OUTPUT	550lm
LED TYPE	2835 SMD EPISTAR
NUMBER OF LEDS	30
CRI	>70
POWER FACTOR	0.9
BEAM ANGLE	120°
COLOR TEMPERATURE	2500-3500K (WARM WHITE)
FIXTURE LIFESPAN	50,000 HRS
IP RATING	IP 30
FINISH COLOR	IVORY WHITE
SIZE (CUT-OUT)	Ø4in
PRODUCT SIZE	Ø136*75 (mm)
PIECES/CARTON	18
PACKING SIZE	47*45.5*37.5 (mm)

### CERTIFICATIONS

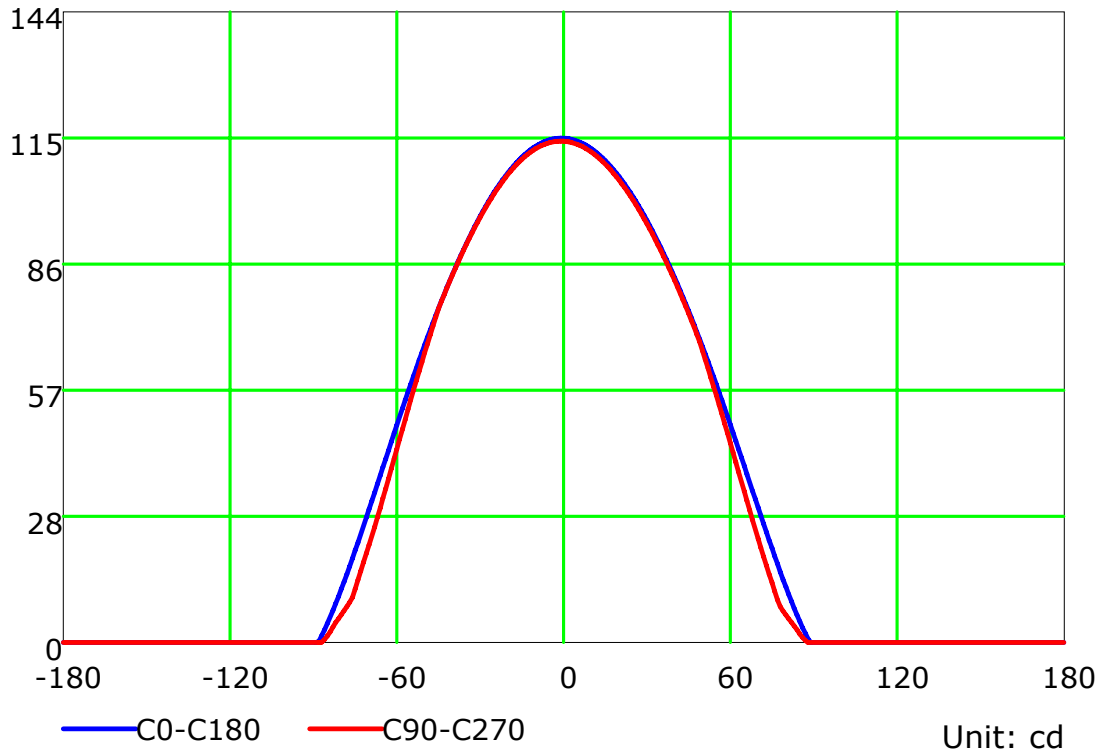
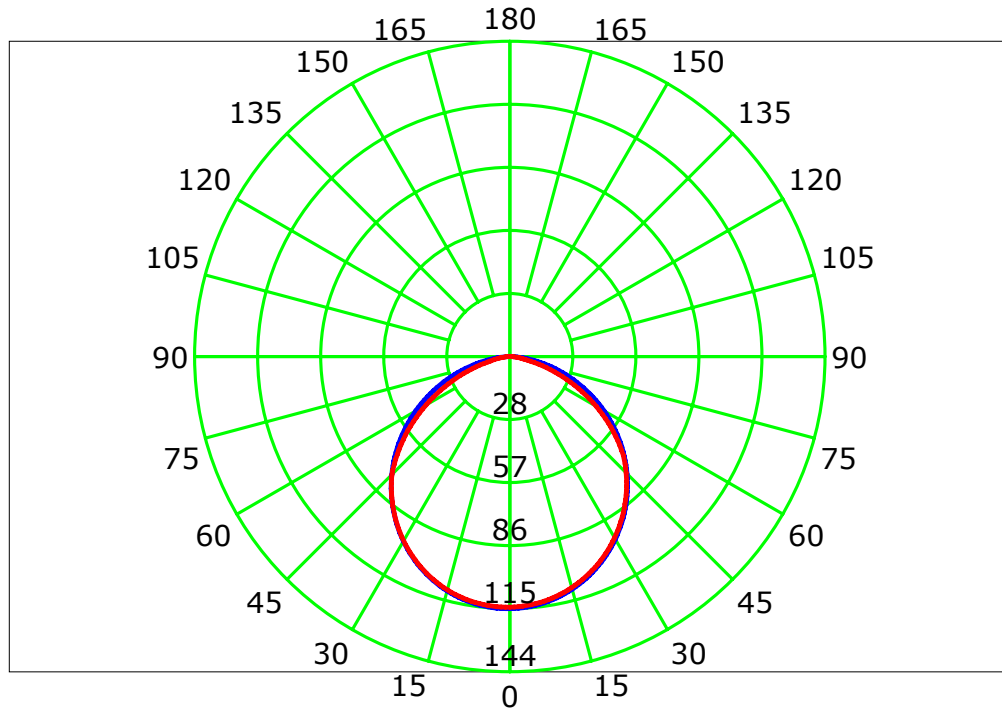
RoHS  
Compliant

CE

UL

IP 30

**SECTION 2: LUMINOUS INTENSITY DISTRIBUTION CURVE**

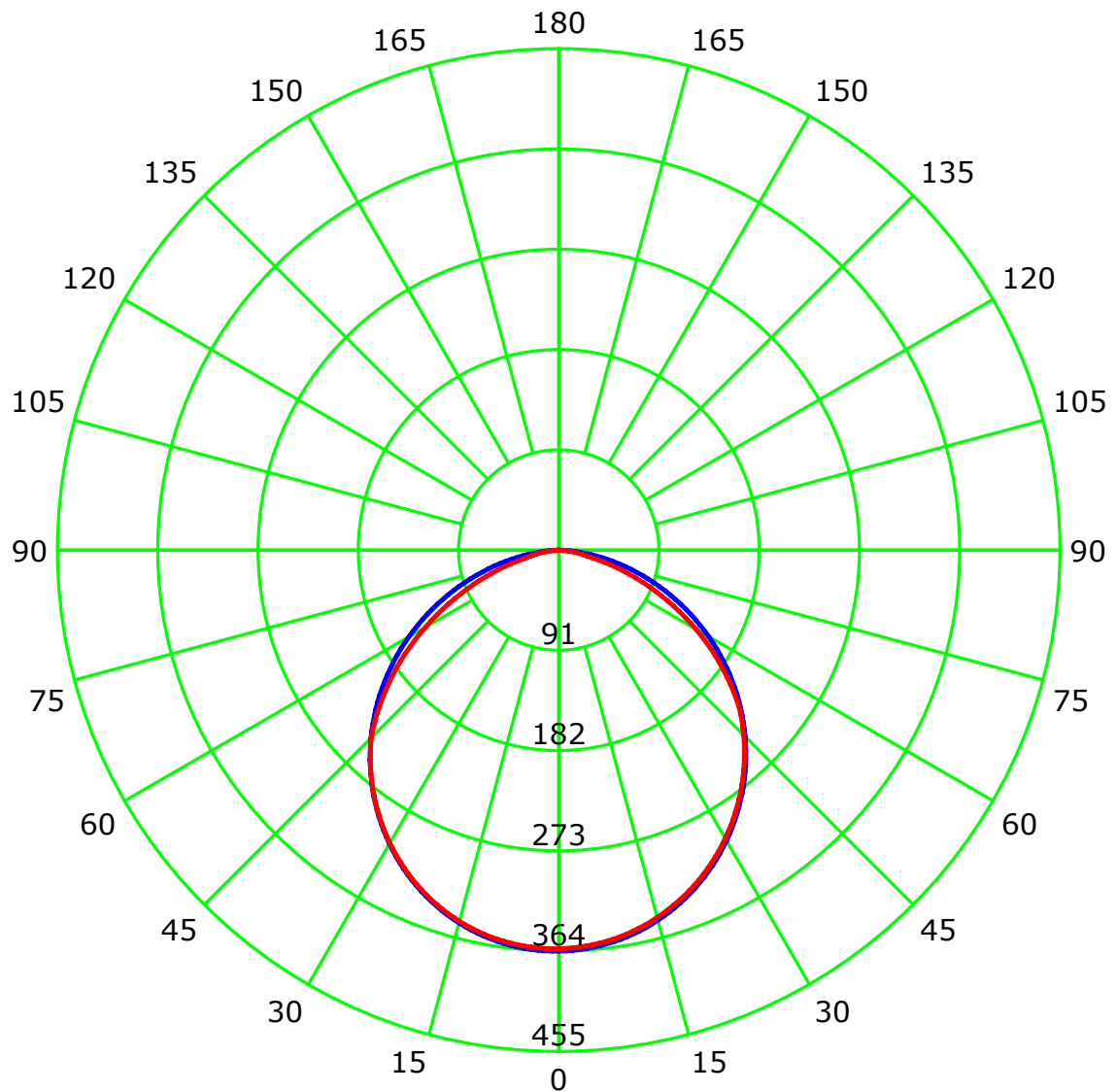


C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 27  
 Operator:

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

Unit: cd

**SECTION 3: LUMINOUS INTENSITY DISTRIBUTION CURVE (CD/KLM)**



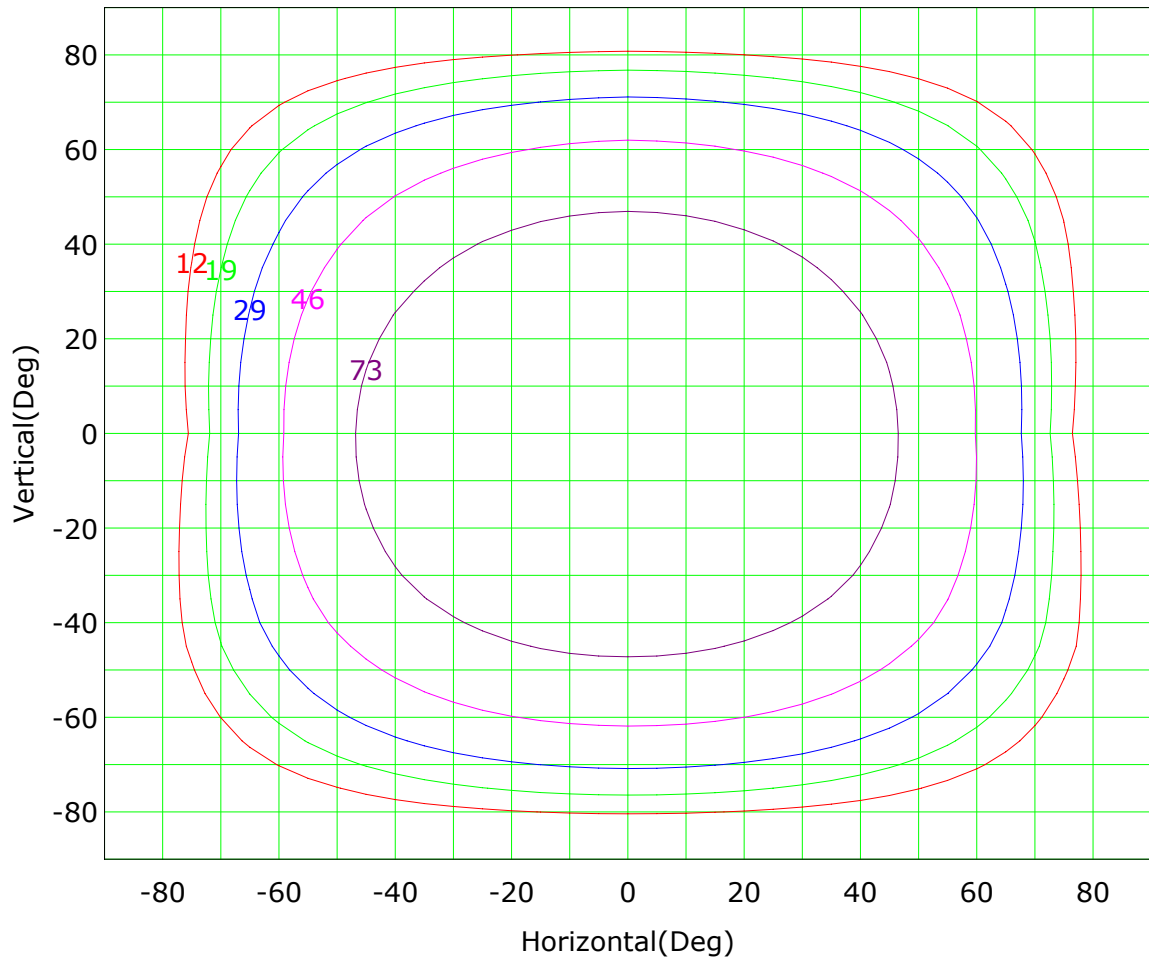
cd/klm  
— C0-C180  
— C90-C270

$\eta=100\%$   
LED

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 4: ISOCANDELA (RECTANGLE)**



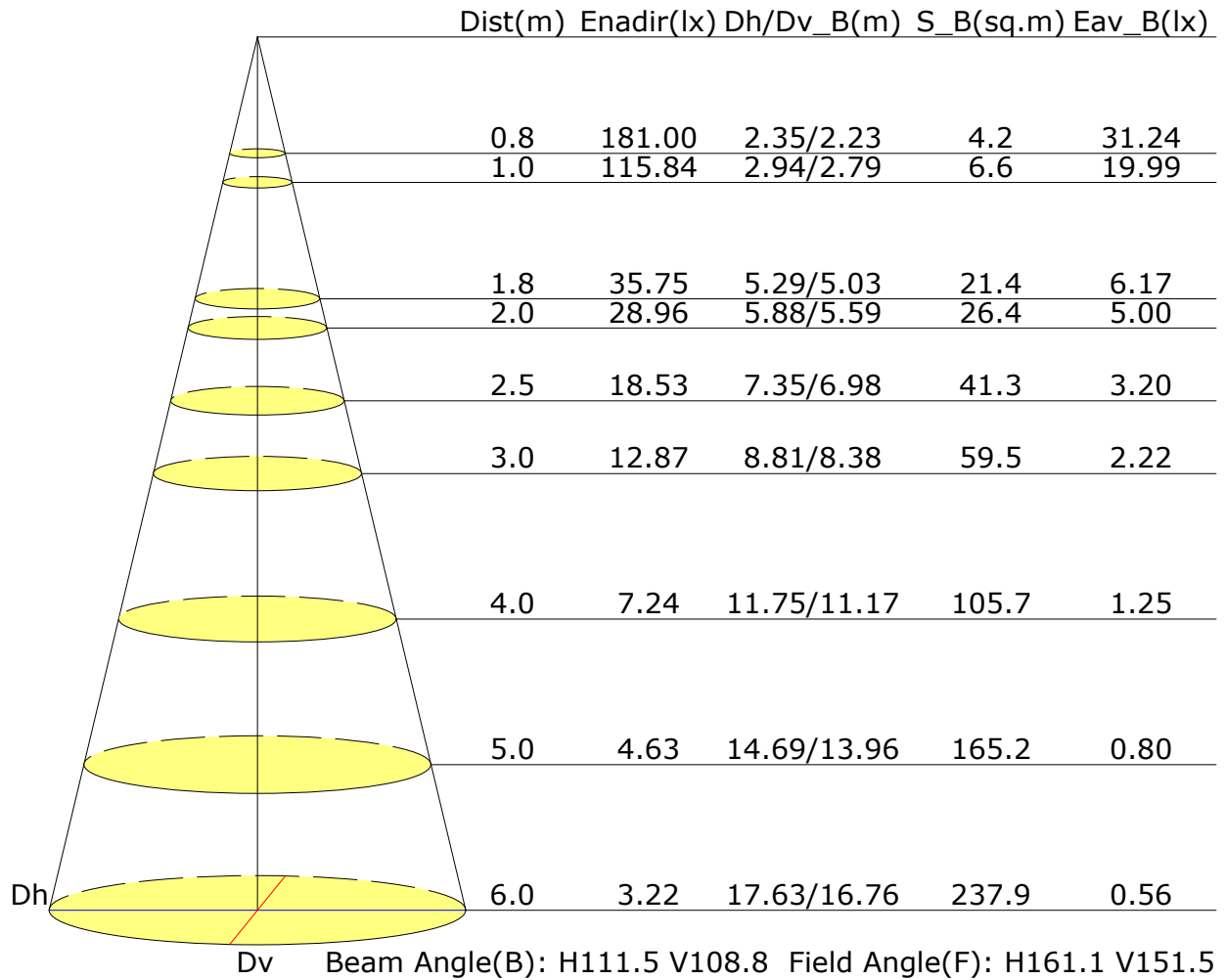
Imax (100%): 116 cd

— ( 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:

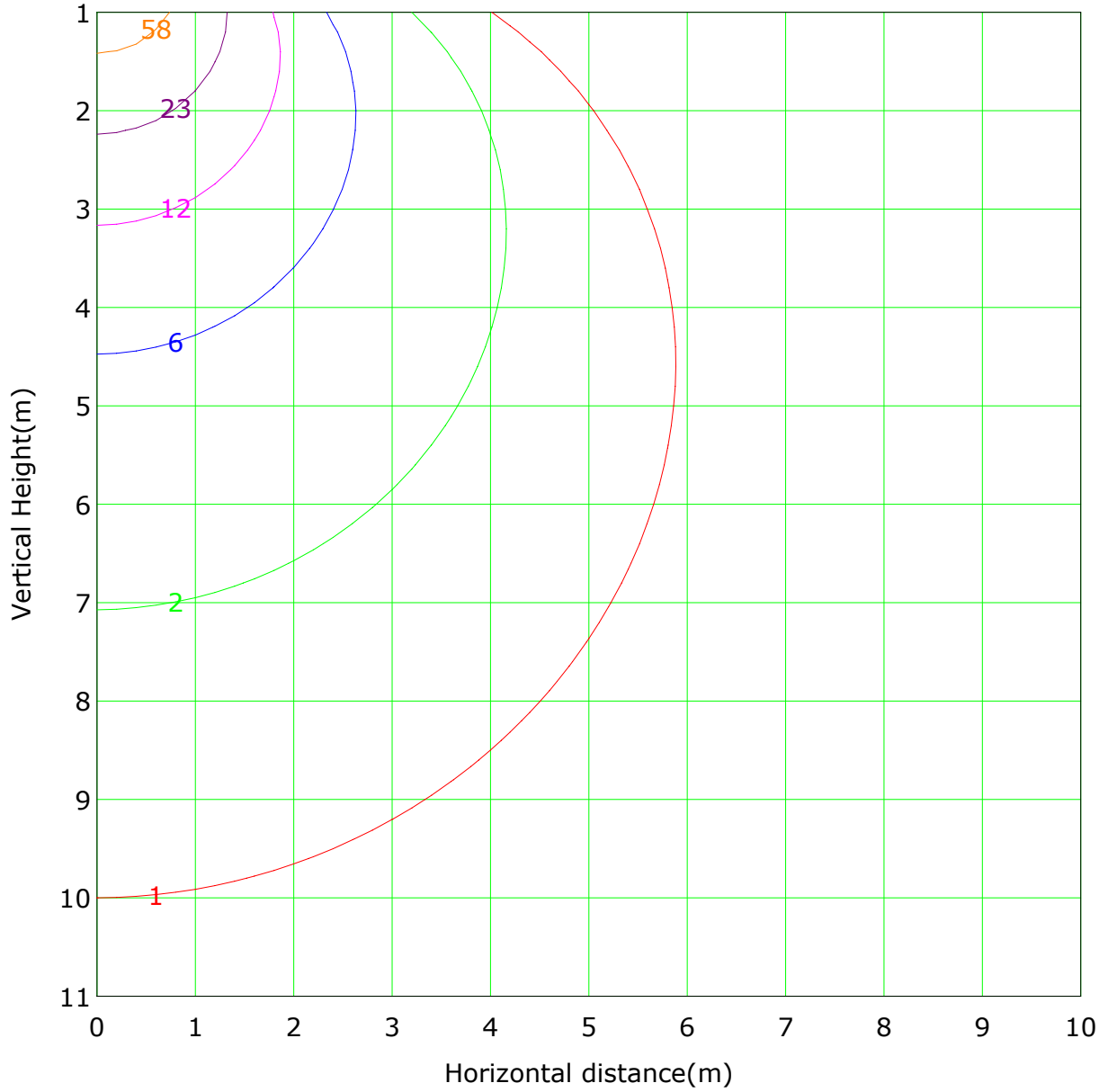
**SECTION 5: ILLUMINANCE AT A DISTANCE**



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 6: VERTICAL ISOLUX PLOT

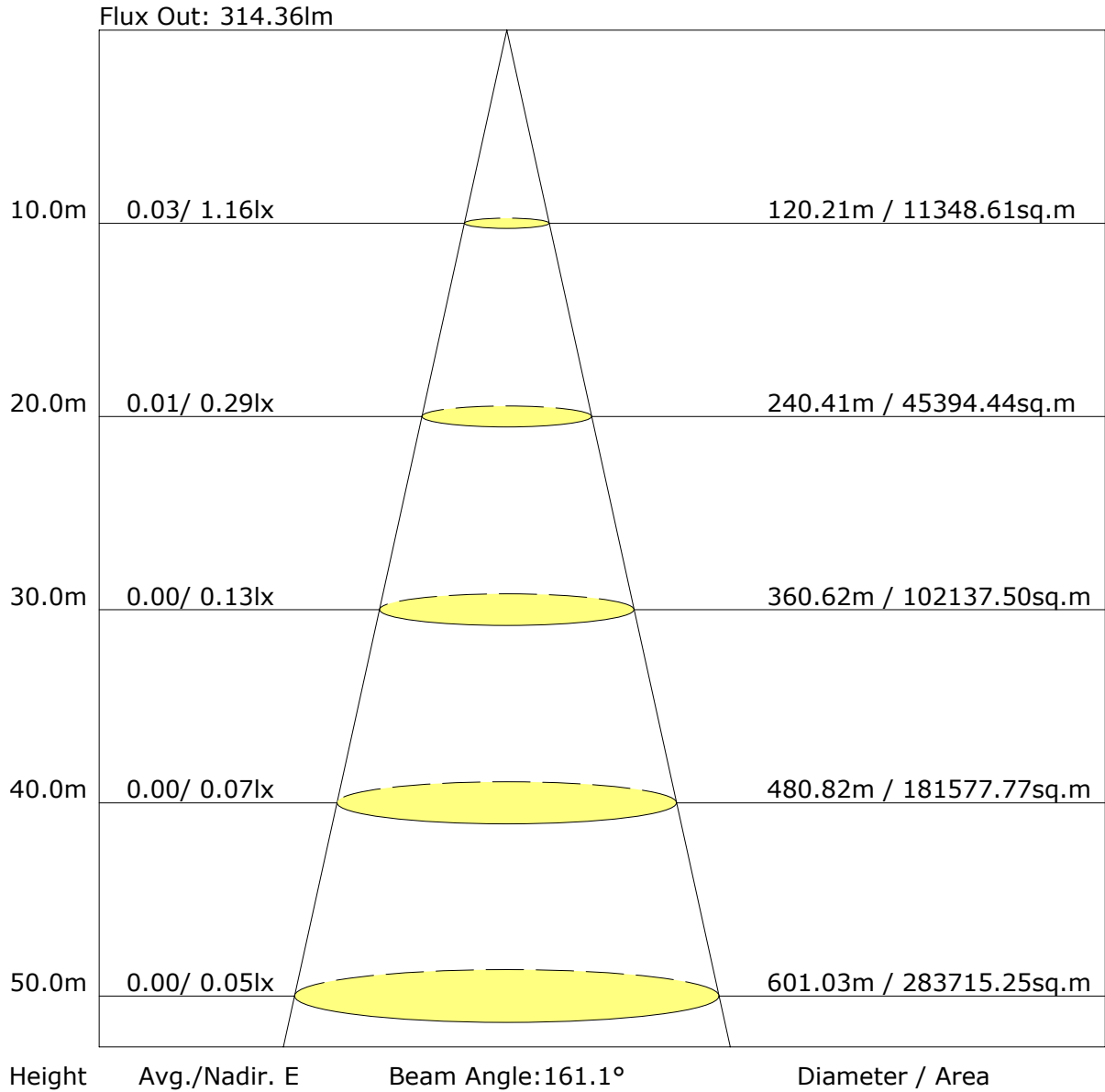


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 115.8 lx
— ( 1%): 1.2 lx	— ( 2%): 2.3 lx	
— ( 5%): 5.8 lx	— (10%): 11.6 lx	
— (20%): 23.2 lx	— (50%): 57.9 lx	
— (100%): 115.8 lx		

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 7: AVERAGE ILLUMINANCE 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:

## SECTION 8: INSTALLATION

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

A	Wall
B	Spring
C	LED lamp
D	Driver

