

3 INCH 3W COOL WHITE DOWNLIGHT

VOL-3DL-003-CW



SECTION 1: SPECIFICATIONS

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

CERTIFICATIONS

RoHS
Compliant

CE

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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

250 LUMENS

3 WATT

50,000 HOUR LIFESPAN

WITHSTAND VOLTAGE SURGES

AVAILABLE IN WARM & COOL

3 INCH DOWNLIGHT W/MR 16 BULB

200 LUMENS

10 WATT POWER

200 HOUR LIFESPAN

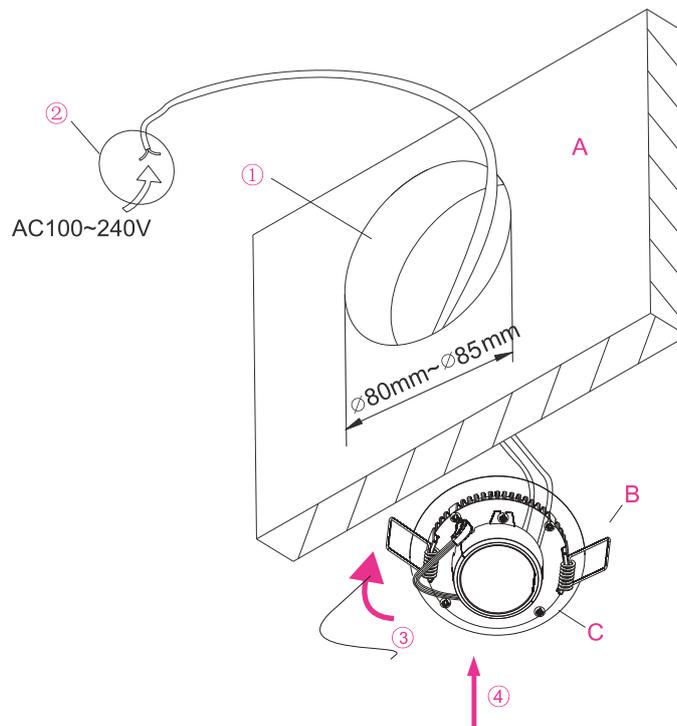
FILAMENT DESTROYED WITH SMALL VOLTAGE SURGES

ONLY AVAILABLE IN WARM

SECTION 4: INSTALLATION DETAILS

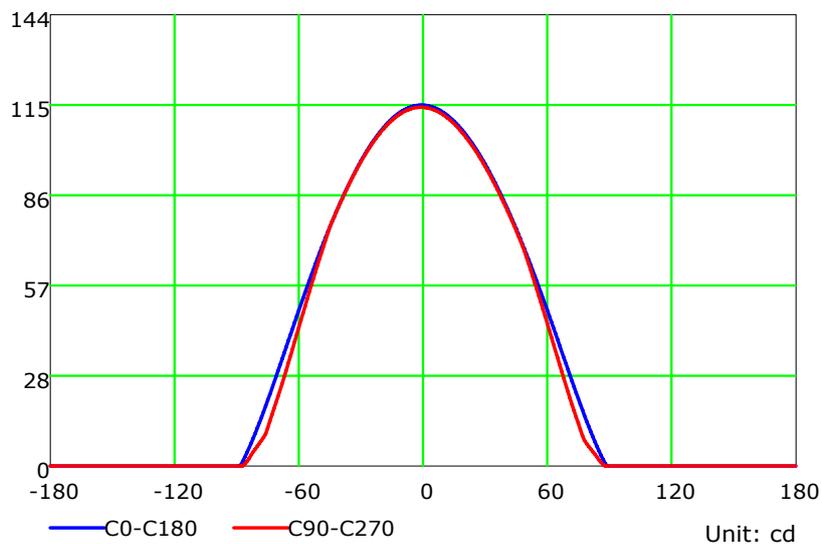
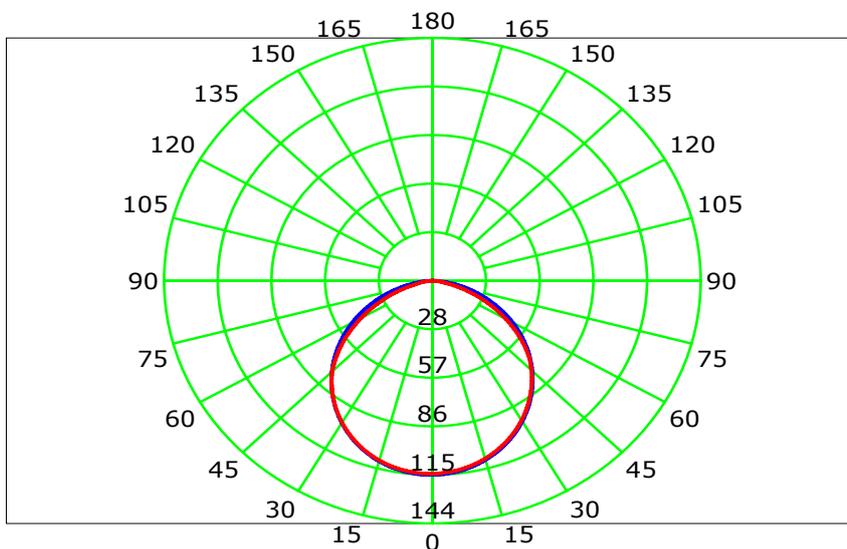
①	make a hole
②	connect the power wire
③	push spring
○	Driver

A	Wall
B	Spring
C	LED lamp
D	Driver



SECTION 5: PHOTOMETRIC DISTRIBUTION

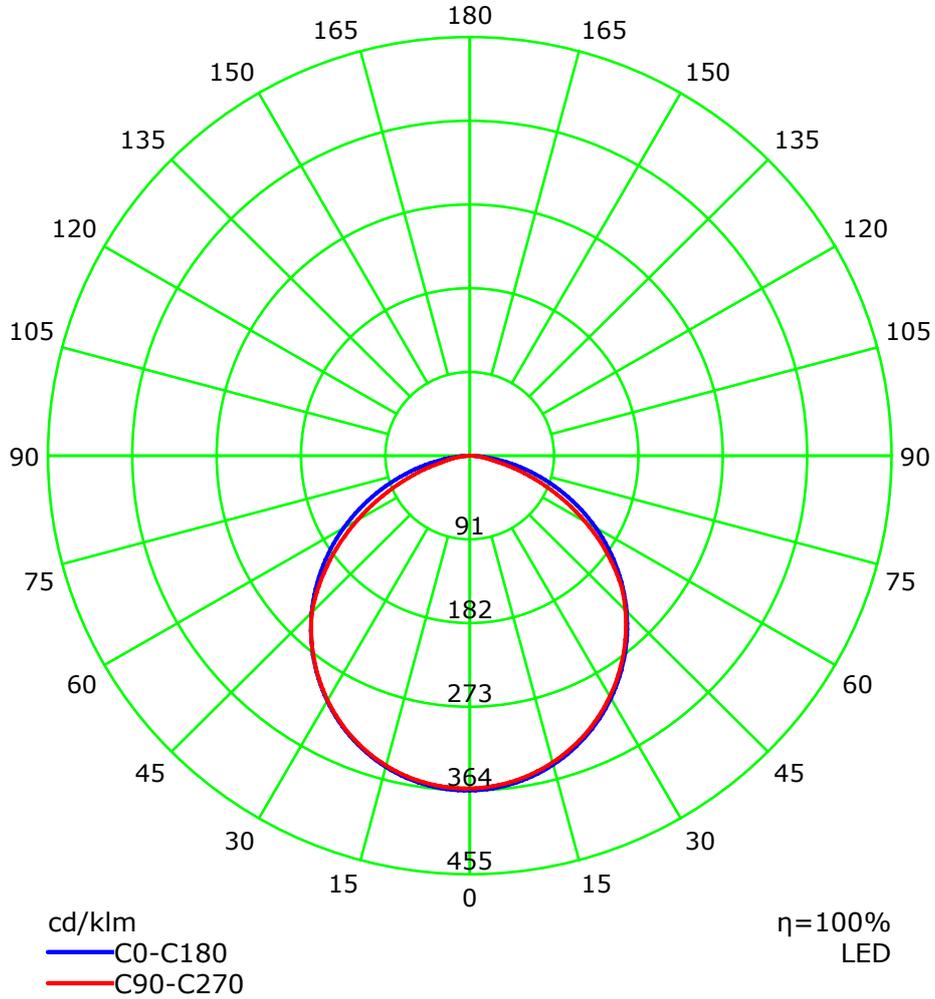
LUMINOUS INTENSITY DISTRIBUTION CURVE



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:

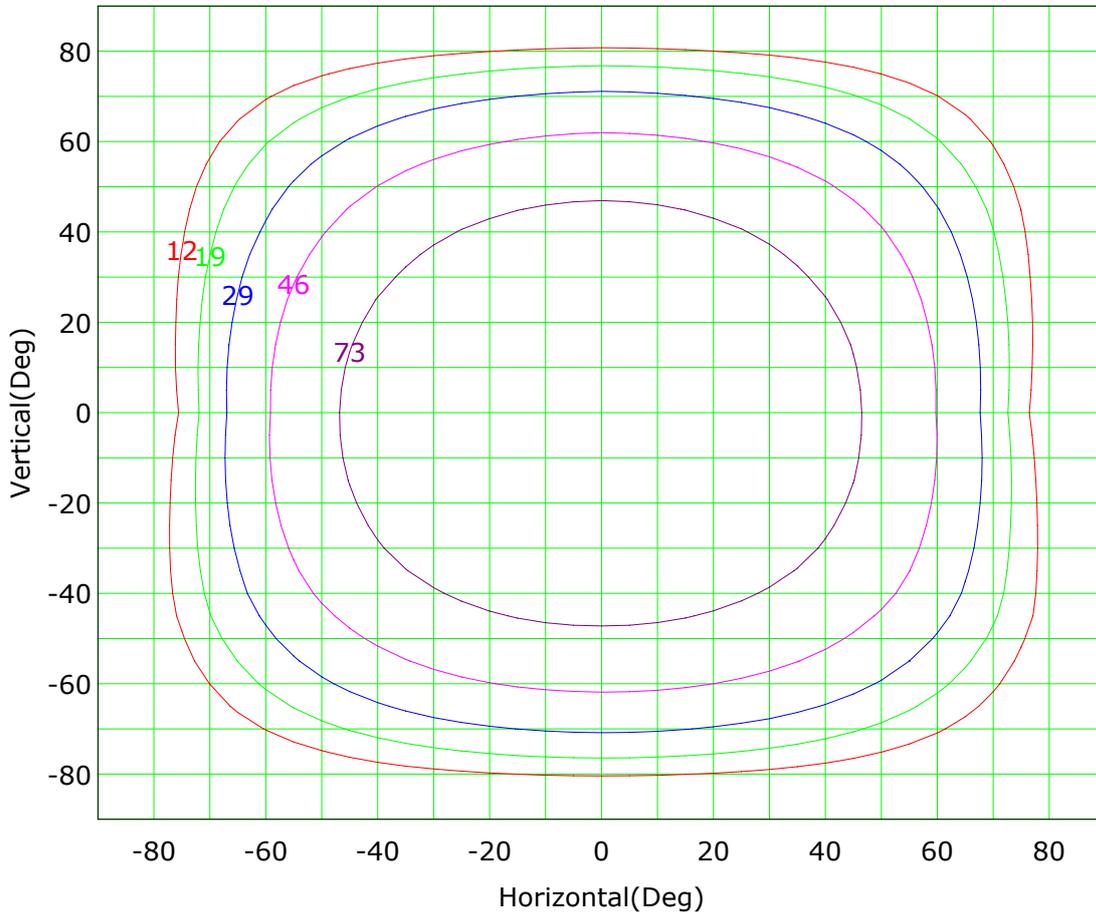
LUMINOUS INTENSITY DISTRIBUTION CURVE (CD/KLM)



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



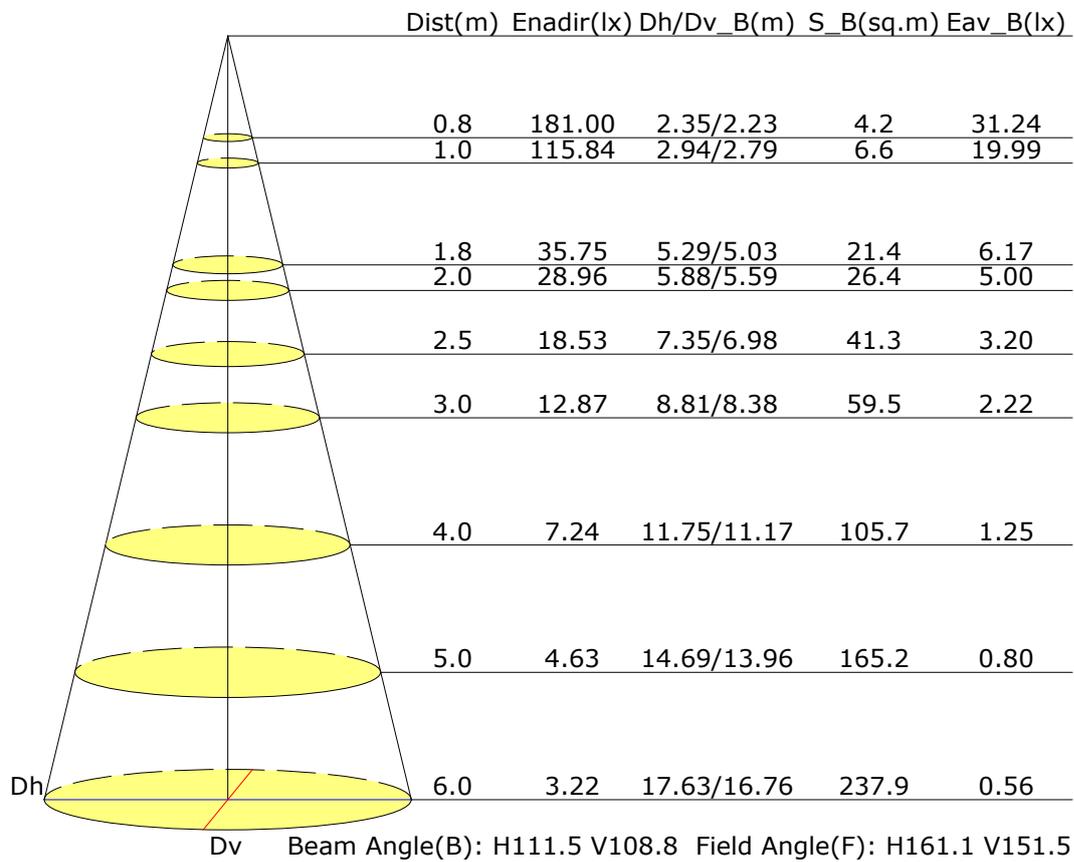
Imax (100%): 116 cd

— (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:

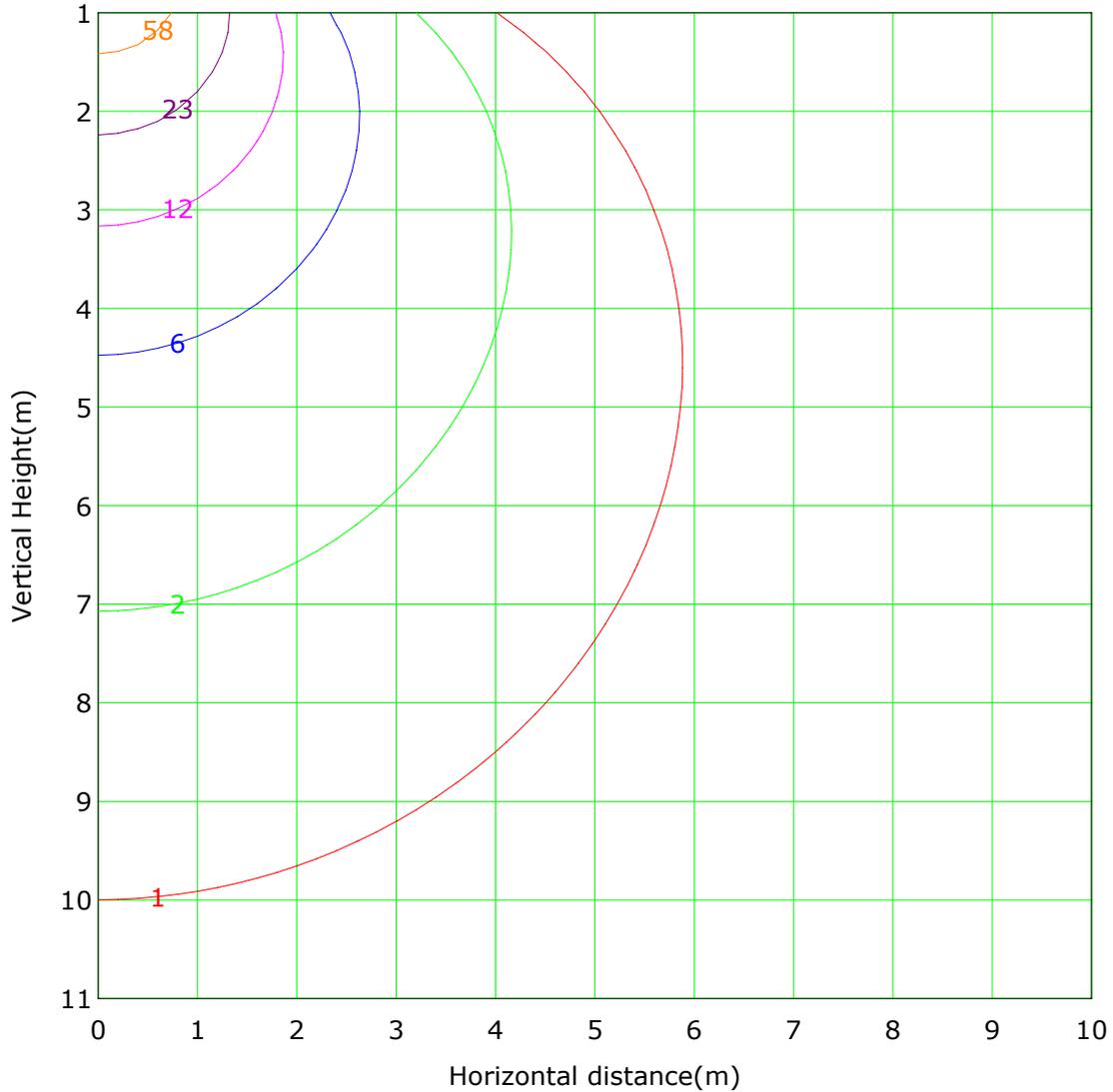
SECTION 7: ILLUMINANCE AT A DISTANCE



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

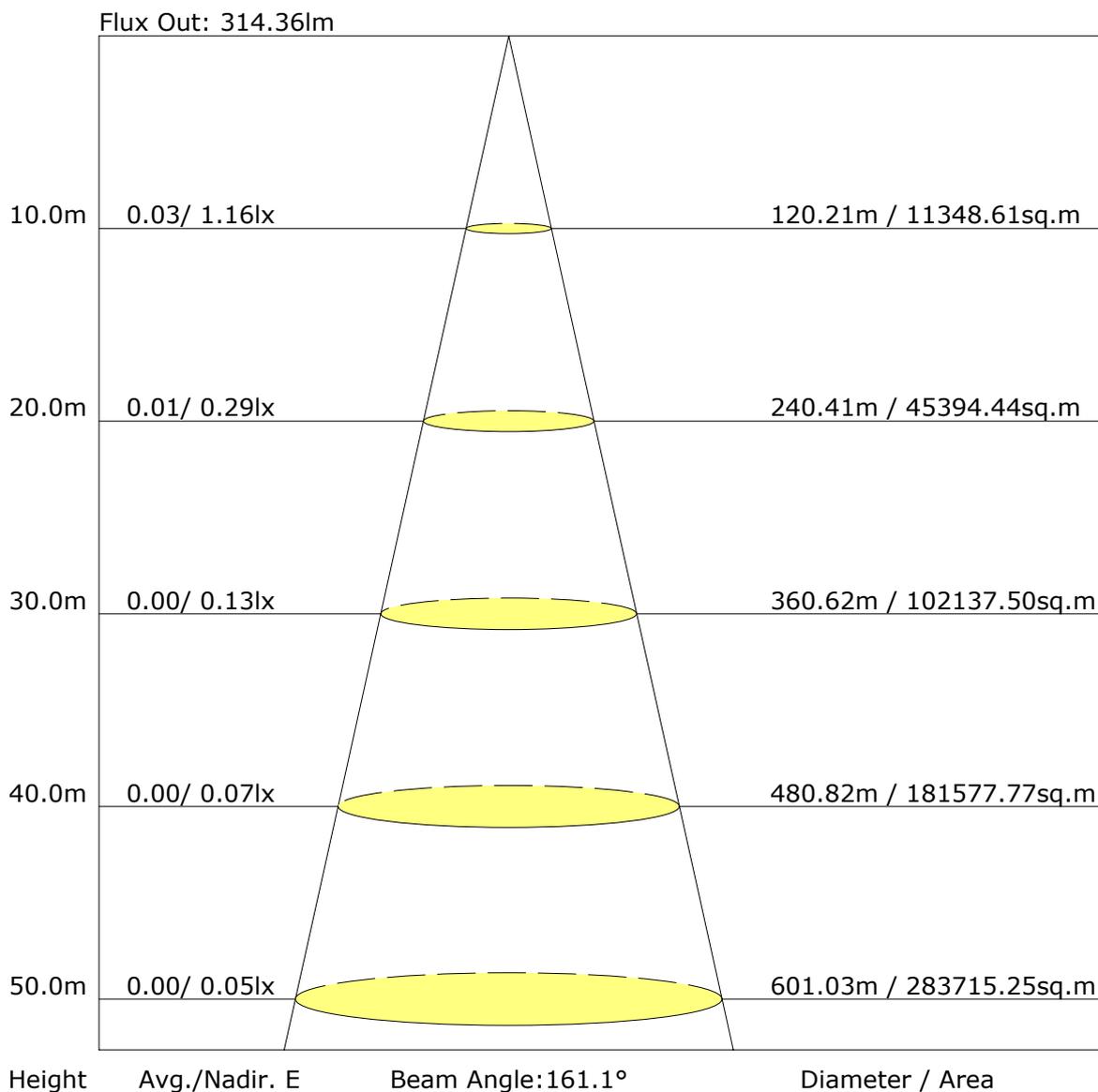


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 115.8 lx
— (1%): 1.2 lx	— (2%): 2.3 lx	
— (5%): 5.8 lx	— (10%): 11.6 lx	
— (20%): 23.2 lx	— (50%): 57.9 lx	
— (100%): 115.8 lx		

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: