

Specifications:

Description:

Halius Border Pro Recessed Fixed LED spot Light with high quality led technology. It provides high lumen output, Eco friendly solution and its compact size makes it easy to install. Excellent heat dissipation, Various Reflector, offering uniform and comfortable light.

Construction:

- Die-cast aluminum construction with a powder coat paint finish.
- Rigid Construction.
- Uniform light distribution.
- Compact size and easy installation.
- Elegant look.

Performance:

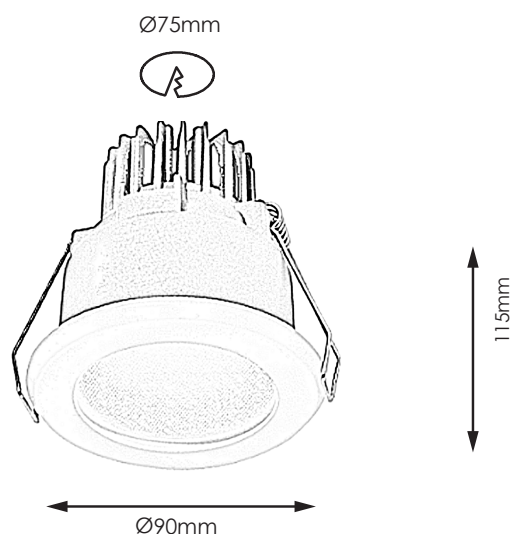
Input Power	12W
Voltage Input	AC220-240V
Freequency	50-60 Hz
Lumens/LPW	1100lm/91.6lm/W
CCT	4000K
CRI	80 +
Klhd	50000hrs
IP	IP65
Min. Start Temp Max. Operating Temp	-20° C to 45° C
Warranty	5yrs
Labels	CE, ROHS

HL-LTG-I-FDL-BORD-012W-4000K-60D-W-ND

Images:



Dimensions:



Catalog number:

Eg: HL-LTG-I-FDL-BORDP-012W-3000K-60D-W-ND

B-Black

W-White

HL-LTG-I-FDL-BORDP-012W -xxxxK - xxD - x - xx

CCT	Beam	Finish	ND-Non Dimming
3000K	24°	B	DI-Dimming
4000K	36°	W	
6000K	60°		

HL-LTG-I-FDL-BORDP-012W-4000K-60D-W-ND

Electrical Data

Driver Inc.	Yes
Dimming/Dimming option	No/Phase cut Constant
Driver type	Current
PF	>0.9
THD	≤ 20%

Mechanical Data

Diameter	90mm
Height	115mm
Cut Out	75mm
Material	Diecast Aluminum
Fixed/Adjustable	Fixed
Adjustable angle	Nil
Finish	White/Black

Optical Data

Chip	CREE
Beam Angle	24°, 36°, 60°
SDCM(Macadam step)	< 3
CRI	>80 +
CCT	3000K/4000K/6000K
Life Span	50000Hrs
Luminaire Efficiency(lm/W)	91.6lm/W
Luminaire Lumen(lm)	1100lm

Thermal Data

Working Temperature	-20° C to 45° C
Storage Temperature	-20°C to 60°C

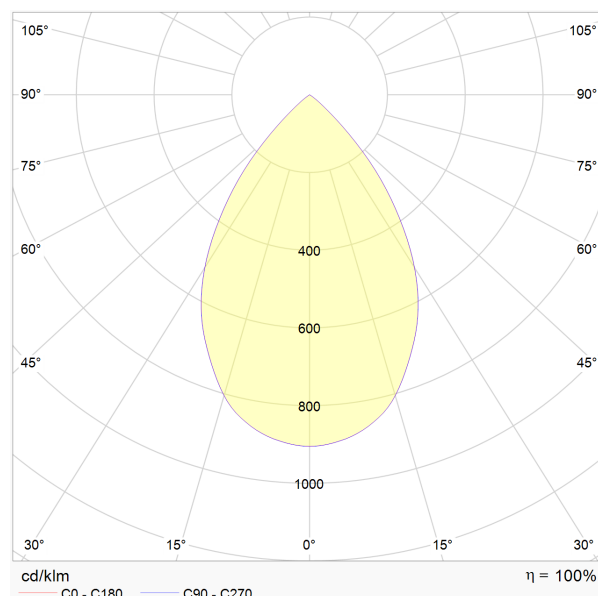
Safety Data

IP	IP65
Safety Class	Class II
CE	YES
ROHS	YES

Photometrics

HL-LTG-I-FDL-BORDP-012W-4000K-60D-W-ND

LED Light Engine: 4000K, 80 CRI System Wattage: 12W
Fixture Delivered Lumens: 1100lm Fixture Efficacy: 91.6lm/W



Cone Diagram

0.5	0.67	E(0°) E(C0)	33.8°	3982 1146
1.0	1.34	E(0°) E(C0)	33.8°	995 286
1.5	2.01	E(0°) E(C0)	33.8°	442 127
2.0	2.68	E(0°) E(C0)	33.8°	249 72
2.5	3.35	E(0°) E(C0)	33.8°	159 46
3.0	4.02	E(0°) E(C0)	33.8°	111 32
Distance [m]	Cone Diameter [m]	Illuminance [lx]		

***Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. ***Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.