

### Specifications:

#### Description:

Halius Ethan Recessed Fixed LED down 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	20W
Voltage Input	AC220-240V
Freequency	50-60 Hz
Lumens/LPW	2000lm/100lm/W
CCT	6000K
CRI	80+
Kled	50000hrs
UGR	<20
Min. Start Temp Max. Operating Temp	-20° C to 45° C
Warranty	5yrs
Labels	ROHS

#### Images:

#### Dimensions:



#### Catalog number:

Eg: HL-LTG-I-FDL-ETHA-R-20W-120D-W-ND

B-Black

W-White

HL-LTG-I-FDL-ETHA-R-20W- -xxxxK - xxD - x - xx

CCT	Beam	Finish	ND-Non Dimming
3000K	90°	B	DI-Dimming
4000K		W	
6000K			

#### HL-LTG-I-FDL-DIAMP-030W-4000K-45D-W-ND

##### Electrical Data

Driver Inc.	Yes
Dimming/Dimming option	Yes/DALI
Driver type	Constant Current
PF	>0.9
THD	≤ 20%

##### Mechanical Data

Diameter	125mm
Height	113mm
Cut Out	115mm
Material	Dicast Aluminum
Fixed/Adjustable	Fixed
Adjustable angle	Nil
Finish	White/Black

##### Optical Data

Chip	CREE
Beam Angle	15°, 30°, 45°, 65°
SDCM(Macadam step)	< 3
CRI	>80+
CCT	3000K/4000K/6000K
Life Span	50000Hrs
Luminaire Efficiency(lm/W)	100lm/W
Luminaire Lumen(lm)	3000lm

##### Thermal Data

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

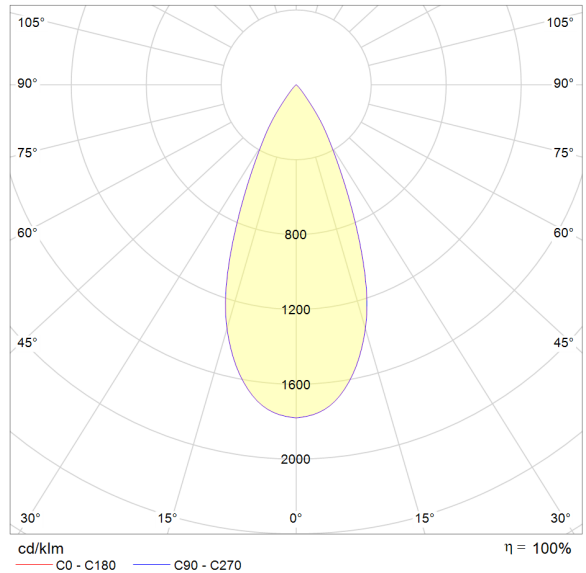
##### Safety Data

IP	IP40
Safety Class	Class II
CE	YES
ROHS	YES

##### Photometrics

HL-LTG-I-FDL-DIAMP-030W-4000K-45D-W-ND

LED Light Engine: 4000K, 80 CRI System Wattage: 30W  
 Fixture Delivered Lumens: 3000lm Fixture Efficacy: 100lm/W



##### Cone Diagram

Distance [m]	Cone Diameter [m]	E(0°) E(C0)	22.1°	18154 7239
0.5	0.41	E(0°) E(C0)	22.1°	4538 1810
1.0	0.81	E(0°) E(C0)	22.1°	2017 804
1.5	1.22	E(0°) E(C0)	22.1°	1135 452
2.0	1.62	E(0°) E(C0)	22.1°	726 290
2.5	2.03	E(0°) E(C0)	22.1°	504 201
3.0	2.44	E(0°) E(C0)	22.1°	

\*\*\*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.