LED Under Cabinet Light
5W, 9W, 14W, 18W

ADVANTAGE ENVIRONMENTAL LIGHTING

The LED Under Cabinet Light series is a next generation,direct wire under cabinet fixture that Provides task or accent lighting in commercial,retail,hospitality and residential applications.

- UL 1598 suitable for damp locations
- High efficiency LED Driver, the wide range input voltage AC120V.
- ENERGY STAR certified product (for 3000K and 4000K only) and Title 24 qualified.
- Dedicated 120V Models are FCC title 47 CFR ,Part 15,Class B for residential and commercial applications.

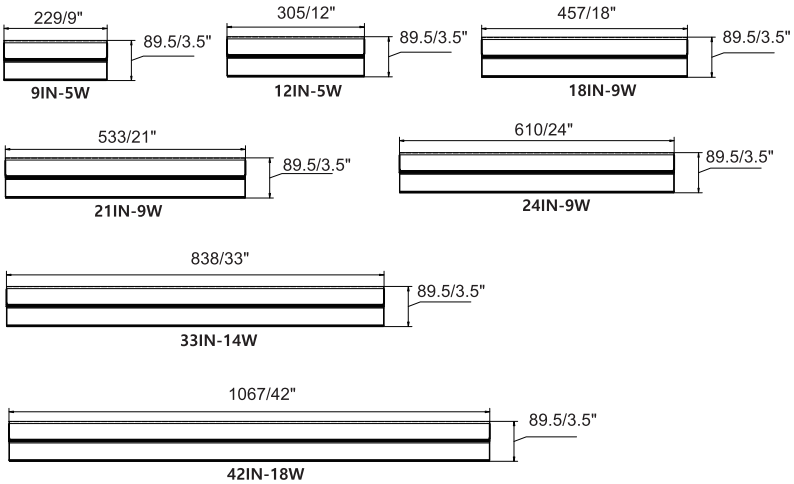
MOUNTING:

- Surface Mounting

APPLICATIONS:

- Under and over cabinets
- Display cases
- Task lighting
- Office lighting
- Coves
- Utility / work areas

DIMENSION:



SPECIFICATION				
WATTAGE	5 W	9 W	14 W	18 W
LUMEN	368.44 lm	675.74 lm	1061.9 lm	1283.7 lm
EFFICACY	> 81.37 lm/W	> 77.3 lm/W	> 77.72 lm/W	> 73.86 lm/W
CCT	3000K,4000K			
CRI	90			
INPUT VOLTAGE	AC120V			
BEAM ANGLE	117°			
POWER FACTOR	0.90			
DRIVER EFFICACY	90%			
DIMMING	traic dimming			
LIFE S	over 50,000 hrs			
WORKING TEMPERATURE	-22ºF ~ 113ºF			
STORAGE TEMPERATURE	-40ºF ~ 176ºF			
OUTDOOR RATING	damp location			
CABLE	none			
WARRANTY	5 year limited			

817.468.3591 aelnow.com info@aelnow.com

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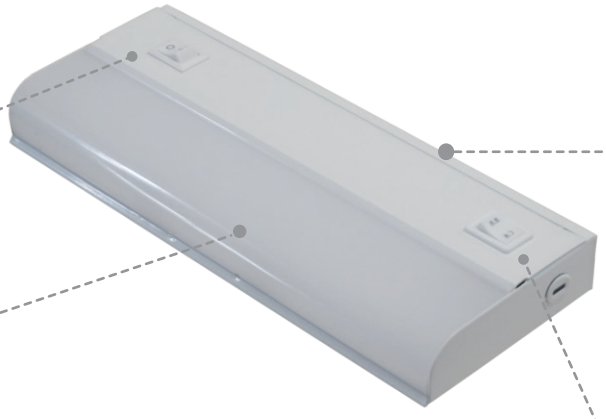

Power Switch

High performance, galvanized stell heat sink transfers heat from the light engine to the environment, via large coolinigns,drawing heat away from the i xture,and extending the lifespan of the LEDs.

Optical lens is made of high quality PC material to make the light even and soft.

CCT Switch

Structure Features:

- Shell materials: Metal & PC
- Finish:White(Standard)
- Length:229/305/457/533/610/838/1067mm (9"/12"/18"/21"/24"/33"/42")
- Width:29mm(3.5")
- Net weight : 9-42IN:0.36/0.46/0.58/0.71/0.77/1.1/1.4(kg) 0.79/1.01/1.28/1.57/1.70/2.43/3.09 (lbs)

Packaging information

AEUC-9IN-05W-12-34K
274mmX220mmX206mm(10 Pcs/CTN)
(10.79"X8.66"X8.11")

AEUC-12in-05W-12-34K
320mmX220mmX206mm(10 Pcs/CTN)
(12.60"X8.66"X8.11")

AEUC-18IN-09W-12-34K
472mmX220mmX206mm(10 Pcs/CTN)
(18.58"X8.66"X8.11")

AEUC-21IN-09W-12-34K
548mmX220mmX206mm(10 Pcs/CTN)
(21.57"X8.66"X8.11")

AEUC-24IN-09W-12-34K
626mmX220mmX206mm(10 Pcs/CTN)
(24.66"X8.66"X8.11")

AEUC-33IN-014W-12-34K
853mmX220mmX206mm(10 Pcs/CTN)
(33.58"X8.66"X8.11")

AEUC-42IN-018W-12-34K
1082mmX220mmX206mm(10 Pcs/CTN)
(42.60"X8.66"X8.11")

ORDERING INFORMATION

EXAMPLE:

AEUC-9in-05W-12-XXK

AEUC	9IN	05W	12	XXK
PRODUCT	SIZE	POWER	VOLTAGE	CCT
AEUC (Under Cabinet LIGHT)	**9IN** - (9 inch) **12IN** - (12 inch) **18IN** - (18 inch) **21IN** - (21 inch) **24IN** - (24 inch) **33IN** - (33 inch) **42IN** - (42 inch)	**05W** - (5W) **09W** - (9W) **014W** - (14W) **018W** - (18W)	**12** (AC120V)	**30K** - (3000K) **40K** - (4000K)

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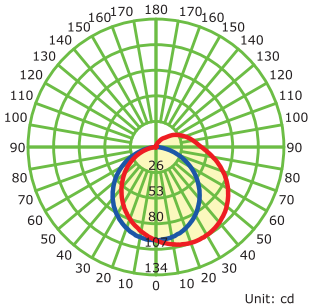
ADVANTAGE ENVIRONMENTAL LIGHTING

PHOTOMETRICS

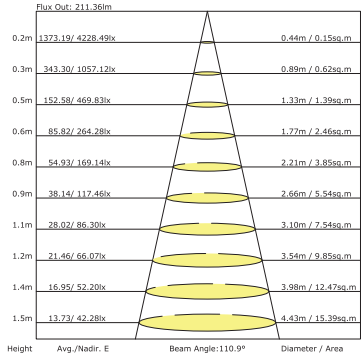
9IN05W12-34K

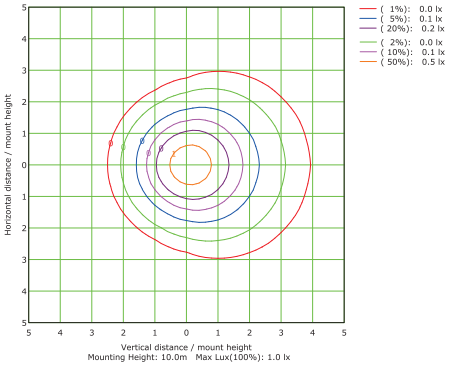
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 118.9°

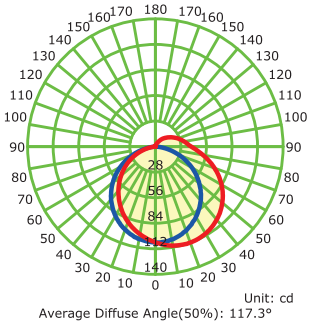
C0-C180 C90-C270





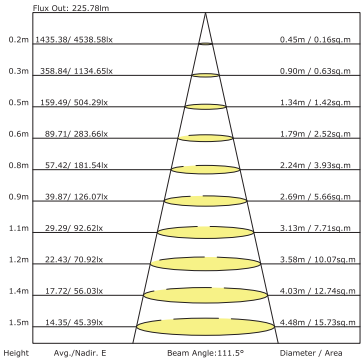
12IN05W12-34K

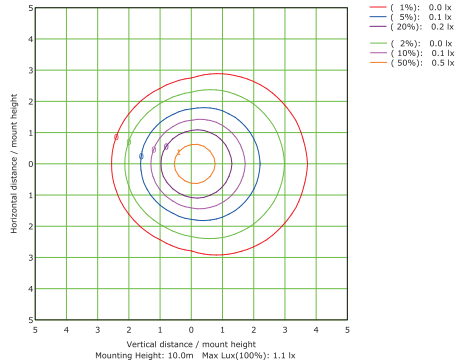
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 117.3°

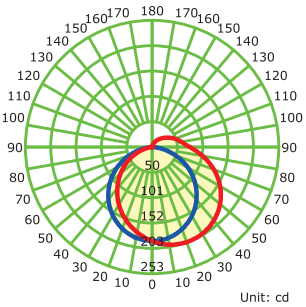
C0-C180 C90-C270





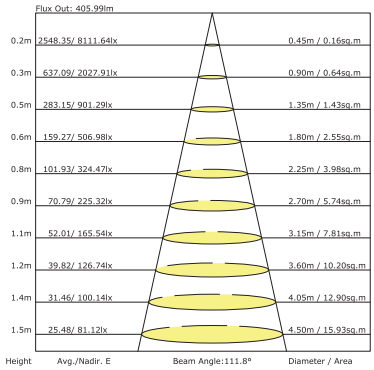
18IN09W12-34K

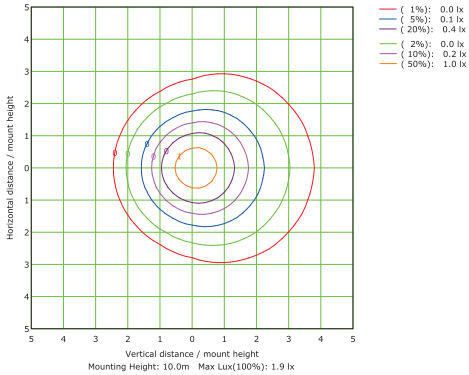
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 117.4°

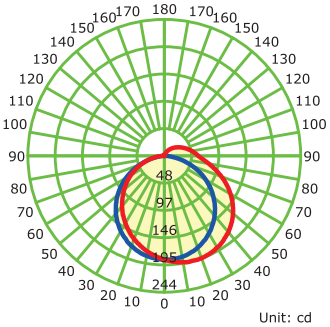
C0-C180 C90-C270





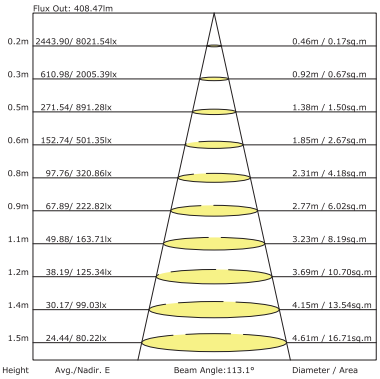
21IN09W12-34K

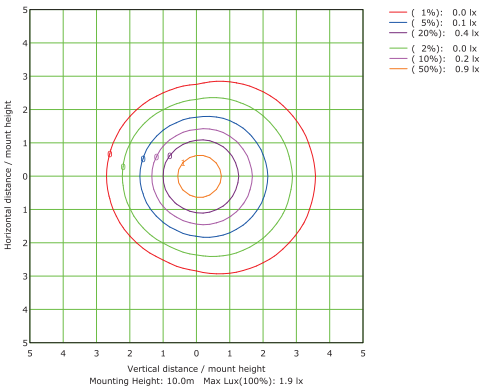
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 117.7°

C0-C180 C90-C270





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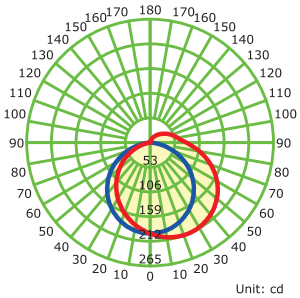
PHOTOMETRICS

24IN09W12-34K

Luminous Intensity Distribution Curve

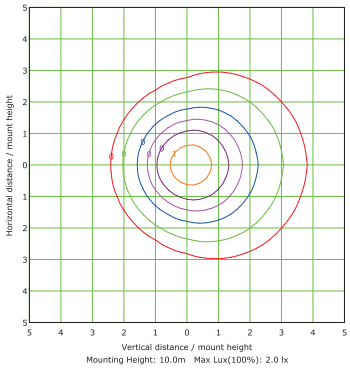


Average Diffuse Angle(50%): 118.1°

C0-C180 C90-C270

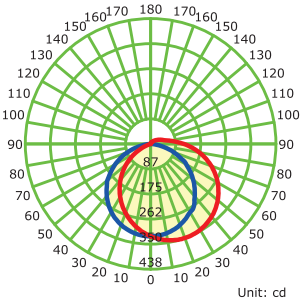
Flux Out: 431.93lm

Height	Avg./Nadir. E	Beam Angle:113.3°	Diameter / Area
0.2m	2566.57/ 8412.51lx		0.46m / 0.17sq.m
0.3m	641.64/ 2103.13lx		0.93m / 0.67sq.m
0.5m	285.17/ 934.72lx		1.39m / 1.51sq.m
0.6m	160.41/ 525.78lx		1.85m / 2.69sq.m
0.8m	102.66/ 336.50lx		2.31m / 4.21sq.m
0.9m	71.29/ 233.68lx		2.78m / 6.06sq.m
1.1m	52.38/ 171.68lx		3.24m / 8.25sq.m
1.2m	40.10/ 131.45lx		3.70m / 10.77sq.m
1.4m	31.69/ 103.86lx		4.17m / 13.63sq.m
1.5m	25.67/ 84.13lx		4.63m / 16.83sq.m



33IN014W12-34K

Luminous Intensity Distribution Curve

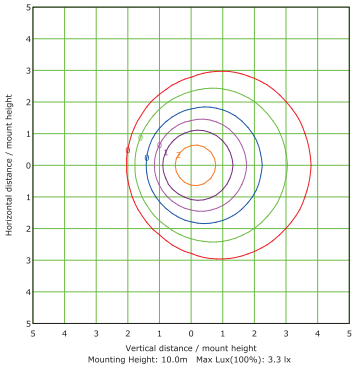


Average Diffuse Angle(50%): 115.2°

C0-C180 C90-C270

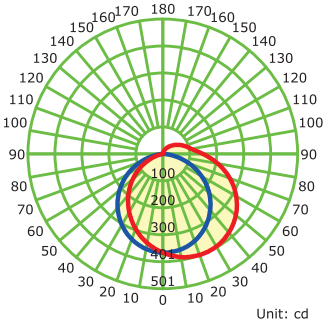
Flux Out: 695.66lm

Height	Avg./Nadir. E	Beam Angle:113.0°	Diameter / Area
0.2m	4172.60/ 13909.86lx		0.46m / 0.17sq.m
0.3m	1043.15/ 3477.46lx		0.92m / 0.67sq.m
0.5m	463.62/ 1545.54lx		1.38m / 1.50sq.m
0.6m	260.79/ 869.37lx		1.84m / 2.67sq.m
0.8m	166.90/ 556.39lx		2.30m / 4.17sq.m
0.9m	115.91/ 386.38lx		2.76m / 6.00sq.m
1.1m	85.16/ 283.87lx		3.23m / 8.17sq.m
1.2m	65.20/ 217.34lx		3.69m / 10.67sq.m
1.4m	51.51/ 171.73lx		4.15m / 13.50sq.m
1.5m	41.73/ 139.10lx		4.61m / 16.67sq.m



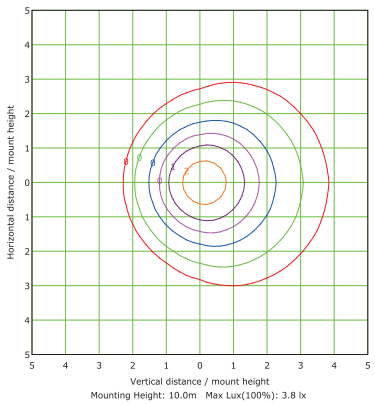
42IN018W12-34K

Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.4°

C0-C180 C90-C270

Flux Out: 788.54lm

Height	Avg./Nadir. E	Beam Angle:111.9°	Diameter / Area
0.2m	4942.38/ 15833.20lx		0.45m / 0.16sq.m
0.3m	1235.59/ 3958.30lx		0.90m / 0.64sq.m
0.5m	549.15/ 1759.24lx		1.35m / 1.44sq.m
0.6m	308.90/ 989.57lx		1.80m / 2.55sq.m
0.8m	197.70/ 633.33lx		2.25m / 3.99sq.m
0.9m	137.29/ 439.81lx		2.70m / 5.74sq.m
1.1m	100.86/ 323.13lx		3.15m / 7.82sq.m
1.2m	77.22/ 247.39lx		3.61m / 10.21sq.m
1.4m	61.02/ 195.47lx		4.06m / 12.92sq.m
1.5m	49.42/ 158.33lx		4.51m / 15.95sq.m