

GRACE

LED COMMERCIAL DOWNLIGHT

Recessed High Output Downlight | 4", 5" & 6" Round

The GRACE series is designed for easy installation with a spring and roto-lock mechanism, making it ideal for both retrofits and new construction. Its durable aluminum housing ensures long-lasting reliability. Offering a variety of lumen outputs and CCT options, this series provides exceptional flexibility. The wide beam angle and high lumen output make it an excellent choice for illuminating large, high-ceiling spaces.

Applications: Art Galleries | Show Rooms | Retail Stores | Hotel Lobbies

eralux®

DATE

QTY

ACC. QTY

TYPE

PROJECT

PN

ACCESSORY PN

NOTES



DYNAMIC MENU

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[Install Instruction link](#)

SPECIFICATIONS

Input Voltage	120-277V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming	TRIAC & 0-10V dimming (down 10%)
UGR	Low glare UGR<16
CRI	90 CRI
CCT	27K 30K 35K 40K 50K
CCT – Dim to warm	30K → 18K
Efficacy	~80-90 lm/W
Size and Power	4" 5" 6" 20 25W 20 25 30 35W 20 25 30 35 40 45W
Ambient Temperature Range	-20°C to 40°C
Mounting Options	New construction Retrofit
Reflector Finish	
Trim Shape Finish	
Distribution	24° 38° 60°



PRODUCT FEATURE



PRODUCT CERTIFICATIONS



SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L85 at 50,000 hours

Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

AE-DL-GR			-X			
AE-DL-GR ERALUX Grace Series LED Commercial Downlight	-4-UV-20W 4" 20W 1694 lm -4-UV-25W 4" 25W 2190 lm	-5-UV-20W 5" 20W 1694 lm -5-UV-25W 5" 25W 2190 lm -5-UV-30W 5" 30W 2441 lm -5-UV-35W 5" 35W 3016 lm	-6-UV-20W 6" 20W 1694 lm -6-UV-25W 6" 25W 2190 lm -6-UV-30W 6" 30W 2441 lm -6-UV-35W 6" 35W 3016 lm -6-UV-40W 6" 40W 3600 lm -6-UV-45W 6" 45W 4056 lm	-WH White -BK Black -GD Gold -DF Diffused Matte Silver -SP Specular Bright Silver	-X Dual dimming: 0-10V & TRIAC Dimming	P27 2700K P30 3000K P35 3500K P40 4000K P50 5000K DTW¹ 18K-30K
						24 24° 38 38° 60 60°
						BK Black Finish WH White Finish

Fixture Family	Size Power	Reflector Finish	Controls	CCT	Distribution	Trim Finish
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NOTE

1. DTW only available for AE-DL-GR-4 (Grace 4-in)
2. Only 20W & 25W options are IC Rated



ORDERING GUIDE – FRAME KIT | EMBB

AE-DL-FRKT		
AE-DL-FRKT ERALUX Frame Kits Downlights	-04 4 Inches -05 5 Inches -06 6 Inches	-UNV¹ Universal -PFP³ Plaster Frame Plate

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[BLANK]

No EMBB

BLD-HM8D-YYY8W Emergency Battery
Backup

EMBB

Fixture Family	Size	Type
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1. Junction Box is not included. Grace Series comes with a junction box by default.
2. Chicago Plenum available for 4 and 6 inches.
3. Plaster Frame Plate option available for 4 and 6 inches.

LED COMMERCIAL DOWNLIGHT

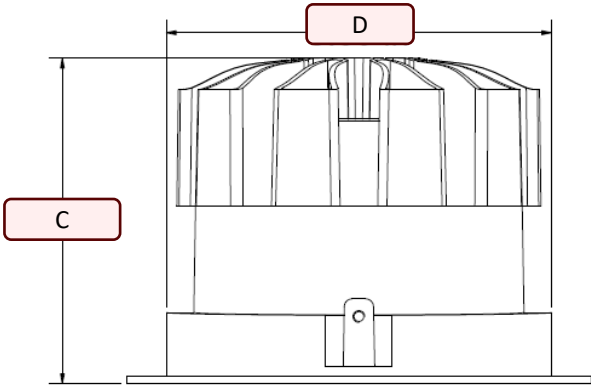
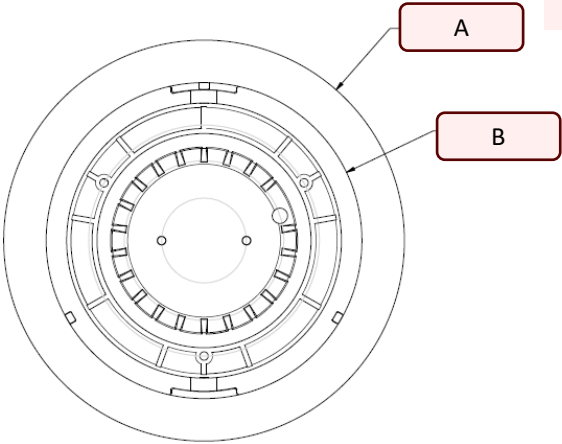
Recessed High-Output Downlight | 4", 5" & 6" Round

DIMENSIONS

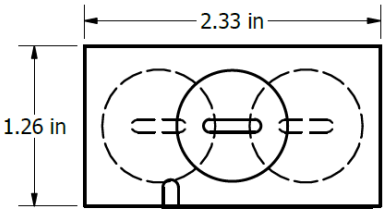
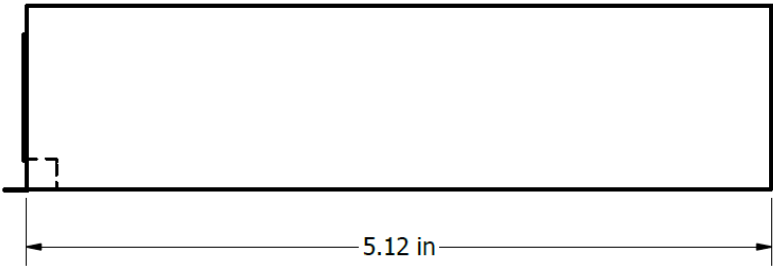
FIXTURE			
	Grace 4"	Grace 5"	Grace 6"
A	Ø 4.65 in	Ø 5.63 in	Ø 6.61 in
B	Ø 3.66 in	Ø 4.72 in	Ø 5.64 in
C	3.25 in	3.54 in	4.33in
D	Ø 3.86 in	Ø 4.84 in	Ø 5.83 in
E	Ø 3.9-4.1 in	Ø 4.9-5.1 in	Ø 5.9-6.1 in



Ceiling cut-out: E



DRIVER



CEILING THICKNESS

4 inch - SPRING MECHANISM

5/6 inch - ROTO-LOCK MECHANISM



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REFLECTOR FINISH



Gold



Diffused
Matte Silver



Black

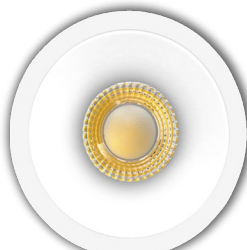


White

TRIM FINISH



Black



White

FIXING MECHANISM

4 inch - SPRING MECHANISM



Spring clips snapping over the ceiling for simple installation and easy readjustments.

5/6 inch - ROTO-LOCK MECHANISM



Roto-lock mechanism for a rigid fixation on the ceiling simply by tightening the two screws under the reflector.

LED COMMERCIAL DOWNLIGHT

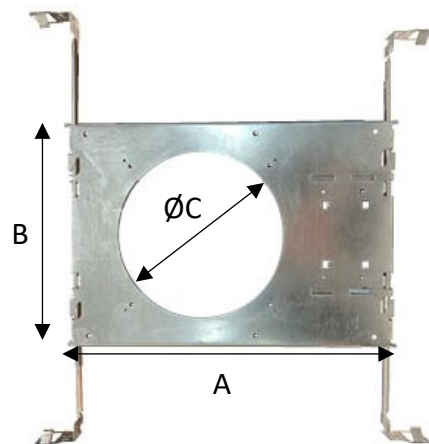
Recessed High-Output Downlight | 4", 5" & 6" Round

MOUNTING ACCESSORIES

Ordered separately, field installed.

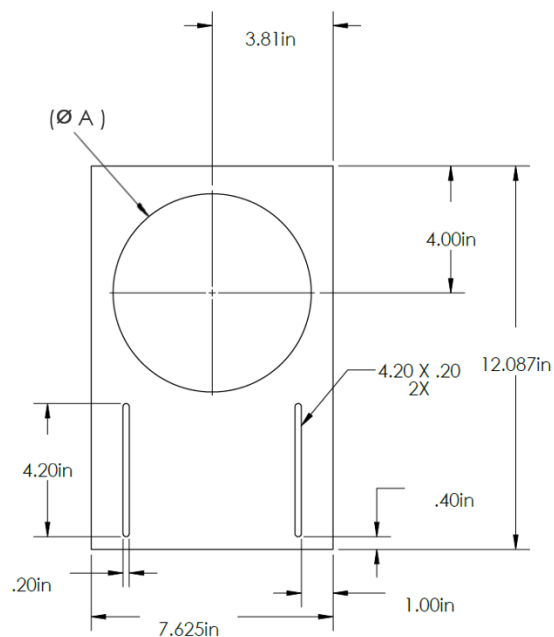
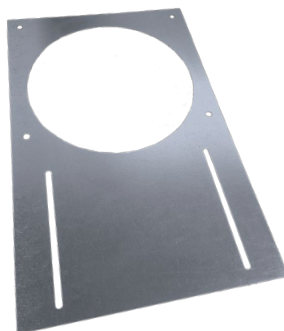
NEW CONSTRUCTION UNIVERSAL FRAME KIT

SPECIFICATIONS			
MATERIAL	22-gauge galvanized steel housing		
MOUNTING	T-bar or drywall ceilings Up to 1.5" thick		
LENGTH (A)	12.75 inch		
WIDTH (B)	8.63 inch		
OPENING SIZE			
ORDERING CODE	SIZE	SHAPE	C
AE-DL-FRKT-04-UNV	4"	Round	4.20" Ø
AE-DL-FRKT-05-UNV	5"	Round	4.92" Ø
AE-DL-FRKT-06-UNV	6"	Round	6.37" Ø



NEW CONSTRUCTION PLASTER FRAME PLATE

SPECIFICATIONS			
MATERIAL	22-gauge galvanized steel housing		
MOUNTING	T-bar or drywall ceilings Up to 1.5" thick		
LENGTH (A)	12.087 inch		
WIDTH (B)	7.625 inch		
OPENING SIZE			
ORDERING CODE	SIZE	SHAPE	A
AE-DL-FRKT-04-PFP	4"	Round	4.30" Ø
AE-DL-FRKT-06-PFP	6"	Round	6.25" Ø



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CONTROLS

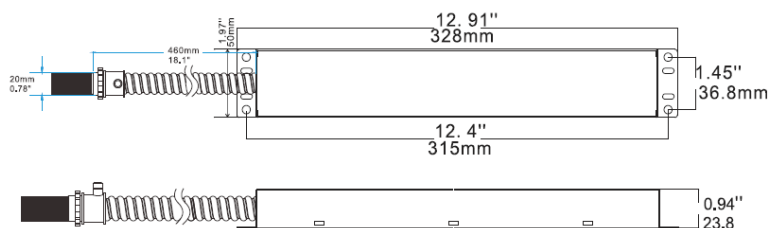
Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY



The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 6-25W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



SPECIFICATIONS

Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	8W max
Output Voltage	170V Dc
Output Power	8W
Ambient Temperature	0°C to 50°C
	30°F to 122°F
Installation	Remote

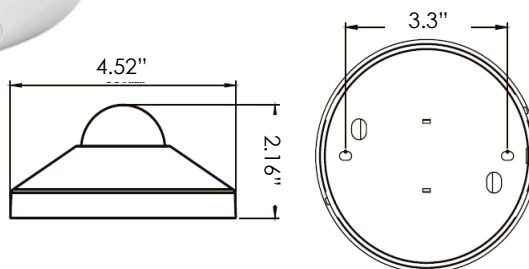
ROOM OCCUPANCY SENSOR

PART NUMBER

DESCRIPTION

AE-CT-DT806 Detecta - Room Occupancy Sensor

RC102 RC102 Remote Control



SPECIFICATIONS

Input Voltage	120-277 Vac
Power Frequency	50/60HZ
Rated Load	At 120 Vac 800W
	At 277 Vac 1200W
Detection Range	3-10 Meters
	9.8- 32.8 Feet
Standby Power	~0.9W
Time Setting	10 sec to 30 min
Light Control	10-2,000LUX
Installation	Ceiling Mounted

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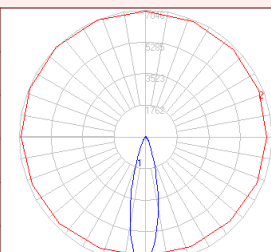
LUMENS ESTIMATE

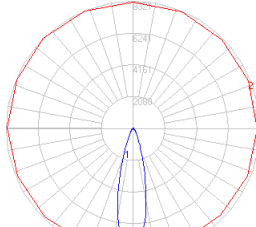
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

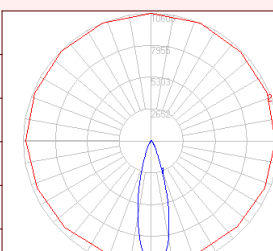
LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.96	1	1.03	1.06

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	20W	0-20°	1262.8	67.3		2.5ft	1113 fc	1.1 ft	1.1 ft
CCT	3000K	0-30°	1587.42	84.6		5.0ft	278 fc	2.2 ft	2.2 ft
Distribution	24°	0-40°	1751	93.3		7.5ft	124 fc	3.4 ft	3.4 ft
SIZE	4"	0-60°	1829	97.5		10.0ft	69.6 fc	4.5 ft	4.5 ft
		0-80°	1830.05	97.6		12.5ft	44.5 fc	5.6 ft	5.6 ft
		0-90°	1830.37	97.6		15.0ft	30.9 fc	6.7 ft	6.7 ft
						Vert. Spread: 25.2° Horiz. Spread: 25.2°			

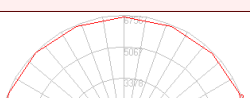
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-DL-GR-4		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width
Wattage	25W	0-20°	1489.71	67.4		2.5ft	1679 fc	1.2 ft 1.2 ft
CCT	3000K	0-30°	1871.48	84.6		5.0ft	420 fc	2.4 ft 2.4 ft
Distribution	24°	0-40°	2064.2	93.3		7.5ft	187 fc	3.6 ft 3.6 ft
SIZE	4"	0-60°	2155.92	97.5		10.0ft	105 fc	4.8 ft 4.8 ft
		0-80°	2157.14	97.5		12.5ft	67.2 fc	6.1 ft 6.0 ft
		0-90°	2157.51	97.6		15.0ft	46.6 fc	7.3 ft 7.2 ft
						Vert. Spread: 27.3° Horiz. Spread: 27.0°		

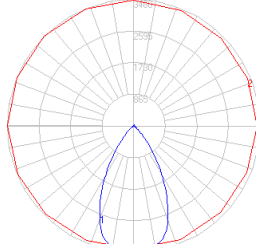
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	30W	0-20°	2059.45	67.6		2.5ft	1679 fc	1.2 ft	1.2 ft
CCT	4000K	0-30°	2595.93	85.3		5.0ft	420 fc	2.4 ft	2.4 ft
Distribution	24°	0-40°	2838.94	93.2		7.5ft	187 fc	3.6 ft	3.6 ft
SIZE	5"	0-60°	2968.7	97.5		10.0ft	105 fc	4.8 ft	4.8 ft
		0-80°	2970.31	97.5		12.5ft	67.2 fc	6.1 ft	6.0 ft
		0-90°	2970.83	97.6		15.0ft	46.6 fc	7.3 ft	7.2 ft
						Vert. Spread: 27.3° Horiz. Spread: 27.0°			

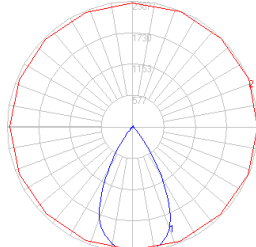
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PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-5		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	30W	0-20°	1861.51	60.4		2.5ft	1078 fc	1.7 ft	1.7 ft
CCT	4000K	0-30°	2578.68	83.6		5.0ft	270 fc	3.4 ft	3.4 ft
Distribution	38°	0-40°	2877.14	93.3		7.5ft	120 fc	5.1 ft	5.1 ft
SIZE	5"	0-60°	3007.66	97.5		10.0ft	67.4 fc	6.8 ft	6.8 ft
		0-80°	3009.19	97.6		12.5ft	43.1 fc	8.6 ft	8.5 ft
		0-90°	3009.71	97.6		15.0ft	30 fc	10.3 ft	10.2 ft
						Vert. Spread: 37.8° Horiz. Spread: 37.4°			

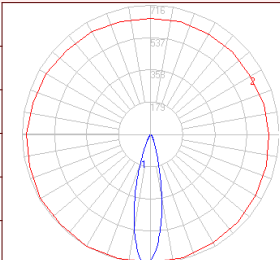
PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-5		Zone	Lumens	% Fixture		Center Beam Fc		Beam Width	
Wattage	30W	0-20°	1192.12	38.9		2.5ft	548 fc	2.7 ft	2.7 ft
CCT	4000K	0-30°	2157.18	70.4		5.0ft	137 fc	5.3 ft	5.3 ft
Distribution	60°	0-40°	2759.88	90		7.5ft	60.9 fc	8.0 ft	8.0 ft
SIZE	5"	0-60°	2991.36	97.6		10.0ft	34.3 fc	10.6 ft	10.6 ft
		0-80°	2992.87	97.6		12.5ft	21.9 fc	13.3 ft	13.3 ft
		0-90°	2993.35	97.6		15.0ft	15.2 fc	15.9 ft	16.0 ft
						■ Vert. Spread: 55.9° ■ Horiz. Spread: 56.0°			

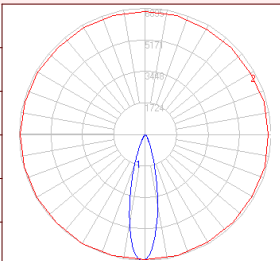
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AE-DL-GR-6		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width
Wattage	45W	0-20°	1721.33	39		2.5ft	793 fc	2.6 ft 2.6 ft
CCT	4000K	0-30°	3106.82	70.4		5.0ft	198 fc	5.3 ft 5.3 ft
Distribution	60°	0-40°	3970.44	90		7.5ft	88.2 fc	7.9 ft 7.9 ft
SIZE	6"	0-60°	4303.33	97.6		10.0ft	49.6 fc	10.5 ft 10.6 ft
		0-80°	4305.45	97.6		12.5ft	31.7 fc	13.2 ft 13.2 ft
		0-90°	4306.15	97.6		15.0ft	22 fc	15.8 ft 15.9 ft
						■ Vert. Spread: 55.5° ■ Horiz. Spread: 55.8°		

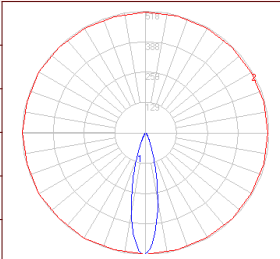
LED COMMERCIAL DOWNLIGHT

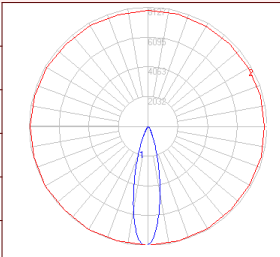
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PHOTOMETRIC DATA – GRACE DTW

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-4-UV-20W-XX-X-DTW		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	20W	0-20°	119.41	73.6		1.7R	241 fc	0.7 ft	0.7 ft
CCT	1800K	0-30°	145.33	89.6		3.3R	64.1 fc	1.4 ft	1.4 ft
Distribution	24°	0-40°	155.92	96.2		5.0R	27.9 fc	2.1 ft	2.1 ft
		0-60°	162.01	99.9		6.7R	15.5 fc	2.8 ft	2.8 ft
SIZE	4"	0-80°	162.11	100		8.3R	10.1 fc	3.5 ft	3.5 ft
		0-90°	162.14	100		10.0R	6.98 fc	4.2 ft	4.3 ft
						Vert. Spread: 23.7° Horiz. Spread: 24.0°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-4-UV-20W-XX-X-DTW		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	20W	0-20°	1243.57	71.8		1.7R	2369 fc	0.8 ft	0.8 ft
CCT	3000K	0-30°	1543.75	89.2		3.3R	629 fc	1.5 ft	1.5 ft
Distribution	24°	0-40°	1663.03	96.1		5.0R	274 fc	2.2 ft	2.2 ft
		0-60°	1729.69	99.9		6.7R	153 fc	3.0 ft	3.0 ft
SIZE	4"	0-80°	1730.54	100		8.3R	99.4 fc	3.7 ft	3.7 ft
		0-90°	1730.84	100		10.0R	68.5 fc	4.5 ft	4.4 ft
						Vert. Spread: 25.4° Horiz. Spread: 25.1°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-4-UV-25W-XX-X-DTW		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	86.74	74.1		1.7R	178 fc	0.7 ft	0.7 ft
CCT	1800K	0-30°	105.03	89.7		3.3R	47.3 fc	1.4 ft	1.4 ft
Distribution	24°	0-40°	112.6	96.2		5.0R	20.6 fc	2.1 ft	2.1 ft
		0-60°	116.96	99.9		6.7R	11.5 fc	2.8 ft	2.8 ft
SIZE	4"	0-80°	117.02	100		8.3R	7.48 fc	3.5 ft	3.5 ft
		0-90°	117.04	100		10.0R	5.15 fc	4.2 ft	4.2 ft
						Vert. Spread: 23.8° Horiz. Spread: 23.9°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-GR-4-UV-25W-XX-X-DTW		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	25W	0-20°	1471.9	71.8		1.7R	2794 fc	0.8 ft	0.8 ft
CCT	3000K	0-30°	1829.16	89.2		3.3R	742 fc	1.5 ft	1.5 ft
Distribution	24°	0-40°	1970.37	96.1		5.0R	323 fc	2.3 ft	2.2 ft
		0-60°	2049	99.9		6.7R	180 fc	3.0 ft	3.0 ft
SIZE	4"	0-80°	2050.01	100		8.3R	117 fc	3.7 ft	3.7 ft
		0-90°	2050.36	100		10.0R	80.7 fc	4.5 ft	4.5 ft
						Vert. Spread: 25.4° Horiz. Spread: 25.1°			

LED COMMERCIAL DOWNLIGHT

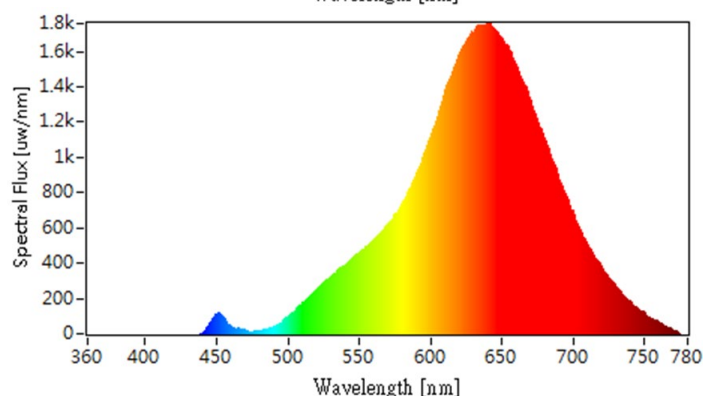
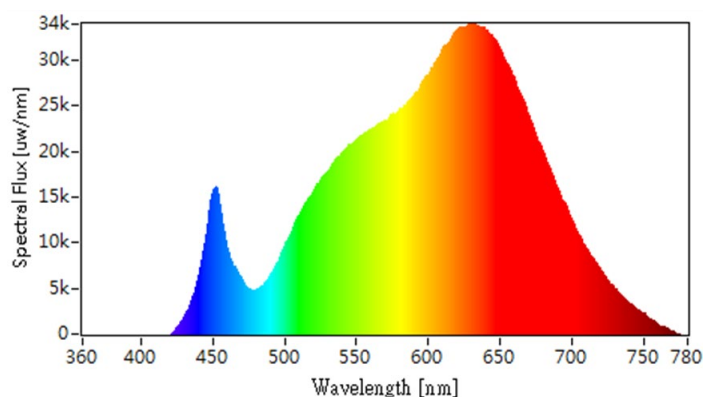
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GRACE DTW

PHOTOMETRIC DATA

AE-DL-GR-4-UV-25W-XX-X-DTW	
Wattage	25W
CCT	3000K
Distribution	24°

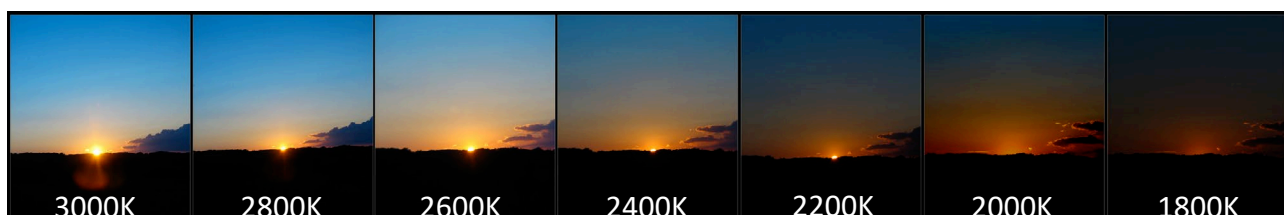
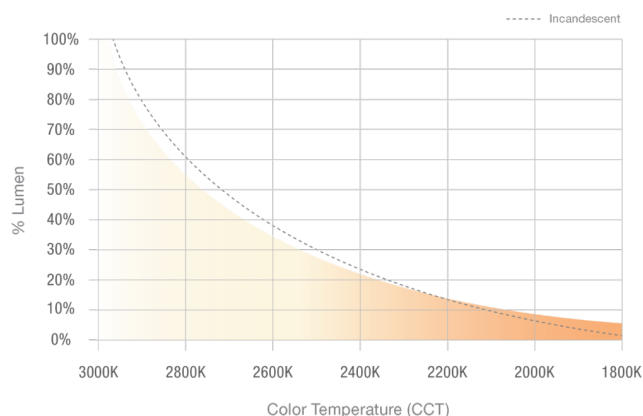
AE-DL-GR-4-UV-25W-XX-X-DTW	
Wattage	25W
CCT	1800K
Distribution	24°



DIM TO WARM

This feature allows for precise control of color temperature (CCT) based on power levels. At 3000K, the fixture delivers a full 2050 lumens, providing bright, invigorating light perfect for work and productivity. As you dim the light to 1800K, it transitions to a gentle glow, offering just 115 lumens—a warm, soft light ideal for hosting gatherings or unwinding in the evening. This smooth transition beautifully mimics the calming stages of a sunset, enhancing the ambiance of any space.

Change in CCT with respect to dimming profile



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OVERVIEW



Protection

- IP54 & IC RATED (limited powers)
- Suitable for semi-outdoor and wet areas, and safe to be in contact with insulation



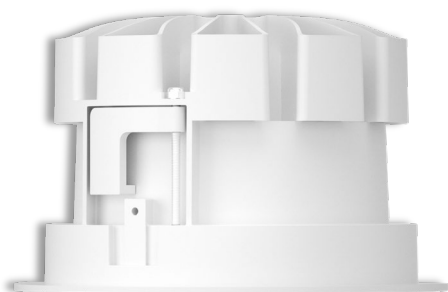
Multiple Options

- Three sizes: 4", 5", and 6"
- Five CCT options from 2700K to 5000K
- Three distributions: 24°, 38° and 60°
- Two trim colors
- Five reflector finishes



Accessories

- New construction frame kit.
- Emergency back up battery.



Tests And Certifications



IC RATED POWER

20W

25W