

GRACE

Made for large spaces with high ceilings, GRACE is a high-output downlight for spec work. The 5in and 6in hold firm on a roto-lock mount instead of springs, so they won't sag over time. 90 CRI, five CCTs or dim to warm, TRIAC or 0-10V dimming, UGR < 16.

Art Gallery

Show Room

Retail Store

Hospitality



Project Information

Type: _____ Date: _____
 Project: _____
 Catalog #: _____
 Notes: _____



Key Specifications

Electrical

Input voltage	120–277V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC · 0-10V (down 5%)
Power	20–45W

Optical

Lumen range	1694–4056lm
Efficacy	~80–90lm/W
CRI	90
CCT	2700K–5000K · Dim to warm
Distribution	24° · 38° · 60°

Physical

Aperture	4 · 5 · 6in round
Mounting	New construction · Retrofit
Trim finish	White · Black
Reflector	5 finishes
Ambient	–20°C to 40°C
Application	IP54 · IC rated (20/25W)
Glare	UGR < 16
Accessories	Frame kit · EMBB · Sensor

Certifications

Listings	cETLus · RoHS
Lumen maintenance	L85 at 50000h

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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-DL-GR

01 FIXTURE FAMILY



AE-DL-GR

Grace, high-output recessed downlight

02 SIZE | POWER

20W -4-UV-20W 4in · 1694lm ²	25W -4-UV-25W 4in · 2190lm ²	20W -5-UV-20W 5in · 1694lm ²	25W -5-UV-25W 5in · 2190lm ²	30W -5-UV-30W 5in · 2441lm	35W -5-UV-35W 5in · 3016lm	20W -6-UV-20W 6in · 1694lm ²	25W -6-UV-25W 6in · 2190lm ²
30W -6-UV-30W 6in · 2441lm	35W -6-UV-35W 6in · 3016lm	40W -6-UV-40W 6in · 3600lm	45W -6-UV-45W 6in · 4056lm				

03 REFLECTOR FINISH

-WH White	-BK Black	-GD Gold	-DF Diffused silver	-SP Specular silver

04 CONTROLS



-X

Dual dimming: 0-10V and TRIAC

05 CCT

P27 2700K	P30 3000K	P35 3500K	P40 4000K	P50 5000K	DTW 1800–3000K ¹

06 DISTRIBUTION

24 24°	38 38°	60 60°

07 TRIM FINISH

BK Black	WH White

1. Dim to warm (DTW) is available for the 4in Grace (AE-DL-GR-4) only. 2. Only the 20W and 25W options are IC rated. A junction box is included as standard. Frame kits, plaster frame plate and emergency battery backup are ordered from page 03; the occupancy sensor is on page 11.

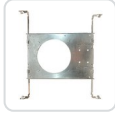
Accessory Ordering Guide

New Construction Frame Kit

[RESET](#)

AE-DL-FRKT

01 ACCESSORY FAMILY



AE-DL-FRKT

New construction frame kit for downlights

02 SIZE

4

in

-04

4in

5

in

-05

5in

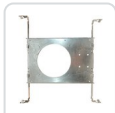
6

in

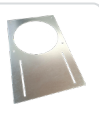
-06

6in

03 TYPE



-UNV
Universal ¹



-PFP
Plaster plate ²

1. Junction box not included with the frame kit; the Grace comes with a junction box as standard. 2. The plaster frame plate is available for 4in and 6in only. A Chicago plenum is available for 4in and 6in

Emergency Battery Backup

[RESET](#)

BLD-HM

01 ACCESSORY FAMILY



BLD-HM

Emergency LED driver, remote installation - up to 90min of emergency lighting

02 POWER

8

W

08D-YYY

8W output

15

W

15D-YYY

15W output

25

W

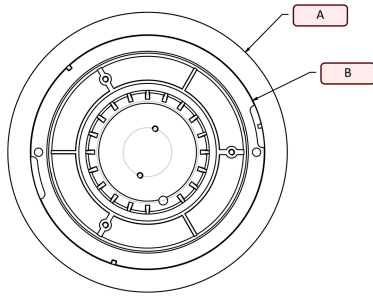
25D-YYY

25W output

Accessories are ordered separately and field installed. Frame kit, plaster frame plate and emergency driver dimensions and specifications are on pages 06 and 07; the occupancy sensor is on page 11.

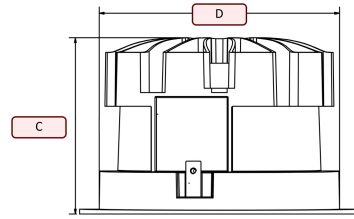
Dimensions

All dimensions in inches. [Install Instruction link](#)



Plan

A trim diameter and B, by size in the table below



Side

C height and D, by size in the table below

Dimensions by Size

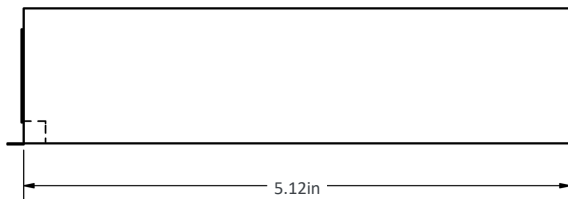
	GRACE 4IN	GRACE 5IN	GRACE 6IN
A	Ø 4.65in	Ø 5.63in	Ø 6.61in
B	Ø 3.66in	Ø 4.72in	Ø 5.64in
C	3.25in	3.54in	4.33in
D	Ø 3.86in	Ø 4.84in	Ø 5.83in
E	Ø 3.9-4.1in	Ø 4.9-5.1in	Ø 5.9-6.1in

E is the ceiling cut-out.

Cut-Out & Installation

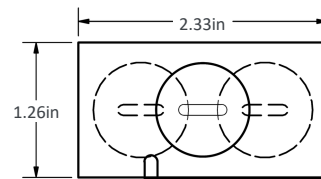
Ceiling cut-out	Ø 3.9–4.1in (4in) Ø 4.9–5.1in (5in) Ø 5.9–6.1in (6in)
Ceiling thickness	0.04–1.18in (4in) 0.04–0.79in (5in, 6in)
Fixing	Spring clips (4in) Roto-lock (5in, 6in)
Junction box	Included as standard

Driver



Side

5.12in long



End

2.33 × 1.26in

Fixing Mechanism & Ceiling Thickness



4in · Spring clips

Snap over the ceiling



4in ceiling

0.04–1.18in thick



5in / 6in · Roto-lock

Two screws under the reflector



5in / 6in ceiling

0.04–0.79in thick

Trim & Reflector Options

Reflector Finish



-GD Gold

-DF Diffused Matte Silver

-BK Black

-WH White

Trim Finish



BK Black

WH White

Accessory Dimensions

New Construction Universal Frame Kit

AE-DL-FRKT-04-UNV

AE-DL-FRKT-05-UNV

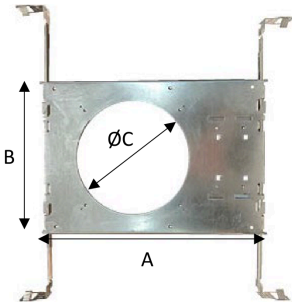
AE-DL-FRKT-06-UNV

Universal frame kit, 4in round · Ø 4.20in opening

Universal frame kit, 5in round · Ø 4.92in opening

Universal frame kit, 6in round · Ø 6.37in opening

Material	22-gauge galvanized steel housing
Mounting	T-bar or drywall ceilings
Ceiling thickness	Up to 1.5in
Length (A)	12.75in
Width (B)	8.63in



New Construction Plaster Frame Plate

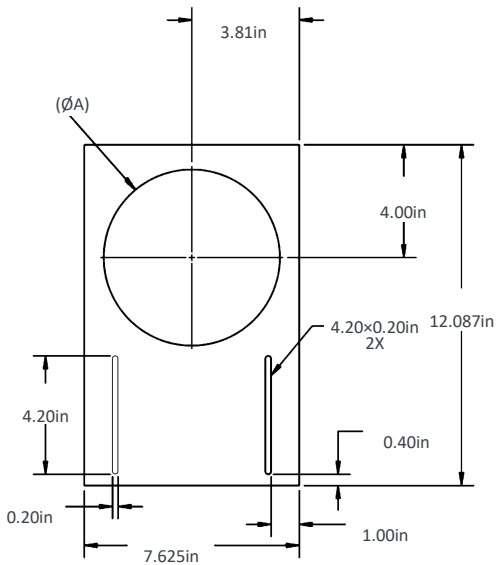
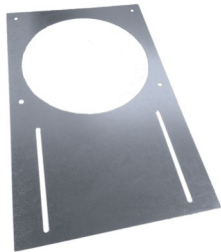
AE-DL-FRKT-04-PFP

AE-DL-FRKT-06-PFP

Plaster frame plate, 4in round · Ø 4.30in opening

Plaster frame plate, 6in round · Ø 6.25in opening

Material	22-gauge galvanized steel housing
Mounting	T-bar or drywall ceilings
Ceiling thickness	Up to 1.5in
Length (A)	12.087in
Width (B)	7.625in



All dimensions in inches. Accessories are ordered separately and field installed.

Accessory Dimensions

Emergency Battery Backup

BLD-HM08D-YYY

BLD-HM15D-YYY

BLD-HM25D-YYY

Emergency LED driver, 8W

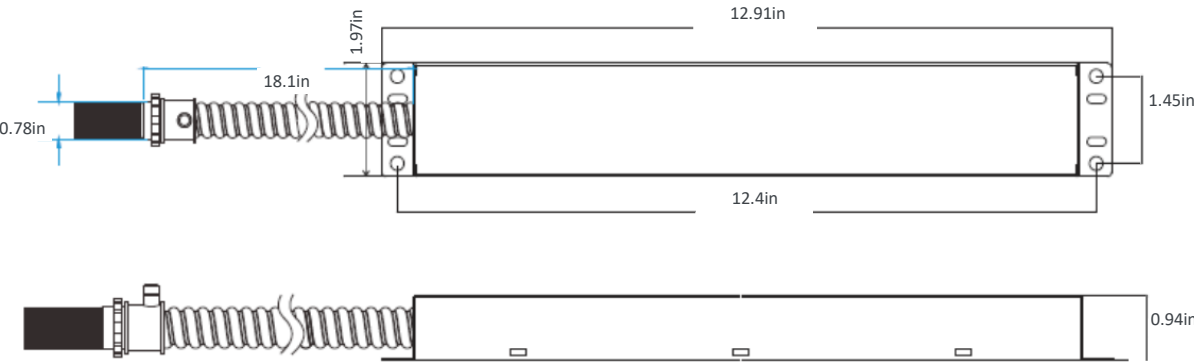
Emergency LED driver, 15W

Emergency LED driver, 25W

Input voltage	100–347V
Power frequency	50/60Hz
Input power	6W max · 12W · 12W
Output voltage	170V DC
Output power	8W · 15W · 25W
Ambient	0°C to 50°C · 30°F to 122°F
Installation	Remote



UL listed for field and factory installation. Switches to emergency mode during a power failure and provides up to 90min of light; battery, charger and converter are integrated, and it delivers 8W, 15W or 25W constant power at 170V DC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



BLD-HM08D-YYY

All dimensions in inches. Accessories are ordered separately and field installed.

Photometric Data

Lumen Estimate Adjustment Factors

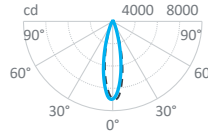
2700K × 0.96 3000K × 1 3500K × 1.03 4000K × 1.06

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-DL-GR-4

4in · 20W · 24°

		ZONE	LUMENS	% FIXTURE
		0-20°	1262.80	67.31
Wattage	19.1W	0-30°	1587.42	84.62
CCT	3000K	0-40°	1751.00	93.34
Distribution	25°	0-60°	1829.00	97.50
SIZE	4in	0-80°	1830.05	97.55
		0-90°	1830.37	97.57

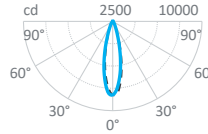


DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	1113	1.1ft	1.1ft
5.0ft	278	2.2ft	2.2ft
7.5ft	124	3.4ft	3.3ft
10.0ft	69.6	4.5ft	4.5ft
12.5ft	44.5	5.6ft	5.6ft
15.0ft	30.9	6.7ft	6.7ft
Vert. spread			25.2°
Horiz. spread			25.1°

AE-DL-GR-4

4in · 25W · 24°

		ZONE	LUMENS	% FIXTURE
		0-20°	1489.71	67.37
Wattage	23.2W	0-30°	1871.48	84.63
CCT	3000K	0-40°	2064.20	93.35
Distribution	25°	0-60°	2155.92	97.49
SIZE	4in	0-80°	2157.14	97.55
		0-90°	2157.51	97.57

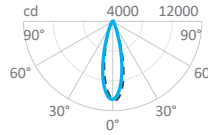


DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	1317	1.1ft	1.1ft
5.0ft	329	2.2ft	2.2ft
7.5ft	146	3.4ft	3.3ft
10.0ft	82.3	4.5ft	4.4ft
12.5ft	52.7	5.6ft	5.5ft
15.0ft	36.6	6.7ft	6.7ft
Vert. spread			25.2°
Horiz. spread			25.0°

AE-DL-GR-5

5in · 30W · 24°

		ZONE	LUMENS	% FIXTURE
		0-20°	2059.45	67.63
Wattage	30.8W	0-30°	2595.93	85.25
CCT	4000K	0-40°	2838.94	93.23
Distribution	27°	0-60°	2968.70	97.49
SIZE	5in	0-80°	2970.31	97.55
		0-90°	2970.83	97.56

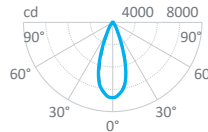


DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	1679	1.2ft	1.2ft
5.0ft	420	2.4ft	2.4ft
7.5ft	187	3.6ft	3.6ft
10.0ft	105	4.8ft	4.8ft
12.5ft	67.2	6.1ft	6.0ft
15.0ft	46.6	7.3ft	7.2ft
Vert. spread			27.2°
Horiz. spread			27.0°

AE-DL-GR-5

5in · 30W · 38°

		ZONE	LUMENS	% FIXTURE
		0-20°	1861.51	60.35
Wattage	30.9W	0-30°	2578.68	83.60
CCT	4000K	0-40°	2877.14	93.28
Distribution	38°	0-60°	3007.66	97.51
SIZE	5in	0-80°	3009.19	97.56
		0-90°	3009.71	97.58



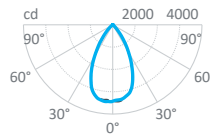
DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	1078	1.7ft	1.7ft
5.0ft	270	3.4ft	3.4ft
7.5ft	120	5.1ft	5.1ft
10.0ft	67.4	6.9ft	6.8ft
12.5ft	43.1	8.6ft	8.5ft
15.0ft	30.0	10.3ft	10.2ft
Vert. spread			37.9°
Horiz. spread			37.4°

Photometric Data

AE-DL-GR-5

5in · 30W · 60°

		ZONE	LUMENS	% FIXTURE
		0-20°	1192.12	38.88
Wattage	30.9W	0-30°	2157.18	70.35
CCT	4000K	0-40°	2759.88	90.01
Distribution	56°	0-60°	2991.36	97.56
SIZE	5in	0-80°	2992.87	97.61
		0-90°	2993.35	97.62

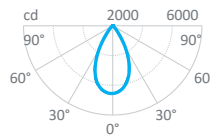


DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	548	2.7ft	2.6ft
5.0ft	137	5.4ft	5.3ft
7.5ft	60.9	8.1ft	7.9ft
10.0ft	34.3	10.8ft	10.6ft
12.5ft	21.9	13.5ft	13.2ft
15.0ft	15.2	16.1ft	15.9ft
Vert. spread		56.6°	
Horiz. spread		55.7°	

AE-DL-GR-6

6in · 45W · 60°

		ZONE	LUMENS	% FIXTURE
		0-20°	1501.02	40.21
Wattage	39.6W	0-30°	2679.60	71.79
CCT	3000K	0-40°	3311.90	88.73
Distribution	54°	0-60°	3588.38	96.14
SIZE	6in	0-80°	3641.13	97.55
		0-90°	3644.18	97.63



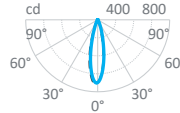
DISTANCE	CENTER Fc	BEAM WIDTH	
2.5ft	727	2.6ft	2.5ft
5.0ft	182	5.1ft	5.1ft
7.5ft	80.8	7.7ft	7.6ft
10.0ft	45.5	10.2ft	10.2ft
12.5ft	29.1	12.8ft	12.7ft
15.0ft	20.2	15.3ft	15.3ft
Vert. spread		54.1°	
Horiz. spread		53.9°	

Photometric Data - Dim to Warm

AE-DL-GR-4-UV-20W-XX-X-DTW

4in DTW · 20W · 1800K

	Wattage	CCT	Distribution	SIZE
	2.8W	1800K	24°	4in
ZONE	LUMENS	% FIXTURE		
0-20°	119.41	73.65		
0-30°	145.33	89.63		
0-40°	155.92	96.16		
0-60°	162.01	99.92		
0-80°	162.11	99.98		
0-90°	162.14	100.00		

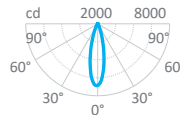


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	241	0.7ft	0.7ft
3.3ft	64.1	1.4ft	1.4ft
5.0ft	27.9	2.1ft	2.1ft
6.7ft	15.5	2.8ft	2.8ft
8.3ft	10.1	3.5ft	3.5ft
10.0ft	6.98	4.2ft	4.3ft
Vert. spread		23.7°	
Horiz. spread		24.0°	

AE-DL-GR-4-UV-20W-XX-X-DTW

4in DTW · 20W · 3000K

	Wattage	CCT	Distribution	SIZE
	19.5W	3000K	25°	4in
ZONE	LUMENS	% FIXTURE		
0-20°	1243.57	71.85		
0-30°	1543.75	89.19		
0-40°	1663.03	96.08		
0-60°	1729.69	99.93		
0-80°	1730.54	99.98		
0-90°	1730.84	100.00		

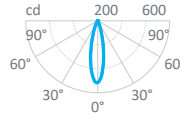


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2369	0.8ft	0.8ft
3.3ft	629	1.5ft	1.5ft
5.0ft	274	2.2ft	2.2ft
6.7ft	153	3.0ft	3.0ft
8.3ft	99.4	3.7ft	3.7ft
10.0ft	68.5	4.5ft	4.4ft
Vert. spread		25.1°	
Horiz. spread		24.9°	

AE-DL-GR-4-UV-25W-XX-X-DTW

4in DTW · 25W · 1800K

	Wattage	CCT	Distribution	SIZE
	2.1W	1800K	24°	4in
ZONE	LUMENS	% FIXTURE		
0-20°	86.74	74.11		
0-30°	105.03	89.73		
0-40°	112.60	96.20		
0-60°	116.96	99.93		
0-80°	117.02	99.98		
0-90°	117.04	100.00		

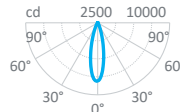


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	178	0.7ft	0.7ft
3.3ft	47.3	1.4ft	1.4ft
5.0ft	20.6	2.1ft	2.1ft
6.7ft	11.5	2.8ft	2.8ft
8.3ft	7.48	3.5ft	3.5ft
10.0ft	5.15	4.2ft	4.2ft
Vert. spread		23.6°	
Horiz. spread		23.9°	

AE-DL-GR-4-UV-25W-XX-X-DTW

4in DTW · 25W · 3000K

	Wattage	CCT	Distribution	SIZE
	23.5W	3000K	25°	4in
ZONE	LUMENS	% FIXTURE		
0-20°	1471.90	71.79		
0-30°	1829.16	89.21		
0-40°	1970.37	96.10		
0-60°	2049.00	99.93		
0-80°	2050.01	99.98		
0-90°	2050.36	100.00		



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2794	0.8ft	0.8ft
3.3ft	742	1.5ft	1.5ft
5.0ft	323	2.2ft	2.2ft
6.7ft	180	3.0ft	3.0ft
8.3ft	117	3.7ft	3.7ft
10.0ft	80.7	4.5ft	4.5ft
Vert. spread		25.3°	
Horiz. spread		25.1°	

Sensors

Bluetooth Sensors ARIA PLUS · BLE

Ceiling sensors with power pack

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Compatible power pack		
					 PPA103S 360W 120–347V	 PPA102S 720W 120–277V	 PPA104S.B1 2400W 120–277V
 EFS107 Recessed	PIR	50ft	200ft	0-10V Dimming			
 EFS107E Surface mount Daisy chain	PIR Ultrasonic	64ft	200ft	0-10V Dimming			

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806 Remote control RC102	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack

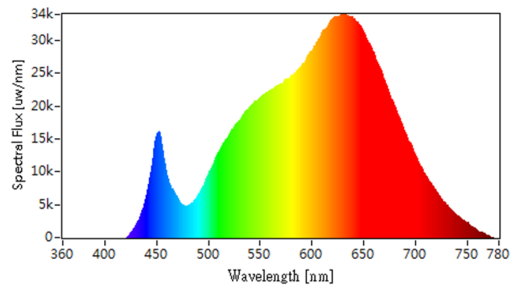
Please refer to spec sheet for exact specifications for all items above.

Dim to Warm

Lumen Spectral — Grace DTW

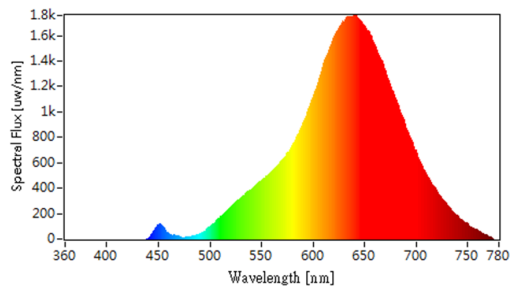
AE-DL-GR-4-UV-25W-XX-X-DTW

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 2050lm, providing bright, invigorating light perfect for work and productivity. As you dim the light to 1800K, it transitions to a gentle glow, offering just 115lm—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.

