

Architectural Downlight



HE2

DOWNLIGHT

*Designed by Peter Zumthor
Engineered and manufactured by Bold Lighting*



DOWNLIGHTING
Applications

2500 LM
Delivered output max.

97+
CRI

INTERCHANGEABLE
Distributions

5 YEARS
Limited Warranty

PRODUCT CONFIGURATION



HE2 is a high-performance architectural downlight designed to deliver clean, uniform illumination with a discreet ceiling presence. Originally developed for the Los Angeles County Museum of Art (LACMA), HE2 brings together Peter Zumthor's architectural discipline and Bold Lighting's technical expertise.

Designed by Peter Zumthor, the fixture is defined by its refined, minimal form and discreet integration into the architectural ceiling. Bold Lighting led the engineering and manufacturing, translating Zumthor's design into a production-ready luminaire and developing the optical system, construction, and range of configurations required to deliver precise performance across different applications.

Its versatile optical options provide controlled light distribution for a wide range of interior applications, while high color rendering ensures accurate and natural color appearance. Engineered for seamless integration into architectural spaces, HE2 combines visual comfort, precise illumination, and a refined aesthetic.

- Up to 2500 lm delivered output
- In-Ceiling installation
- High CRI, up to 97+ CRI (available upon request)
- 5-year limited warranty

Delivered Lumen Output / CRI +90

Output	Watts	2700K	3000K	4000K
L	27W	2280 lm	2520 lm	2690 lm

HOUSING CODE

Code Example: **HE2-L20-AN**

HE2 ☐ ☐ ☐ ☐ ☐

Type	Power	Voltage	Control	Housing	Emergency
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HE2	L ¹ 27W (2520lm)	2 220V-240V	0 Non-Dim	A* ² Airtight Housing	N No
			1 0-10 to 1%	J* ² IC Housing	9 90 mins
			2 0-10 fade-off	N Non-IC Housing	
			D Dali	R Remodel Housing	
			L Lutron	O No Housing	
			X DMX		

MODULE CODE

Code Example: **HE2-LC-W-06-927-0**

HE2 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Type	Power	Mounting	Body Color	Optics Type	CRI	CCT	Accessories
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HE2	L ¹ 27W (2520lm)	C In-Ceiling	W White	06 60°	9 +90	27 2700K	0 No Accessories
			B Black	08 80°	T Thrive	30 3000K	L ³ Diffuse lens
			S Grey	10 100°		35 3500K	F Solite lens
			X Custom			40 4000K	

(1) Denotes output at 3000K, unless otherwise noted. (2) Chicago Plenum rated. (3) Diffuse lenses available in different angles. Consult factory for lead-times. Bold Lighting reserves the right to make technical changes without notice.

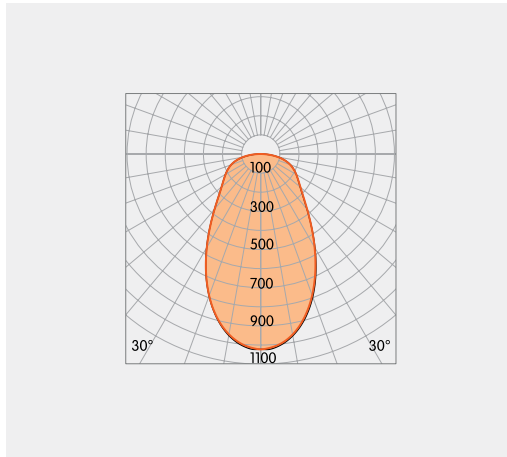
OPTICAL FLEXIBILITY



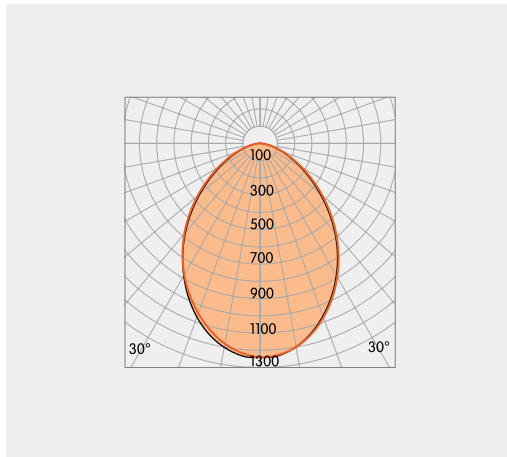
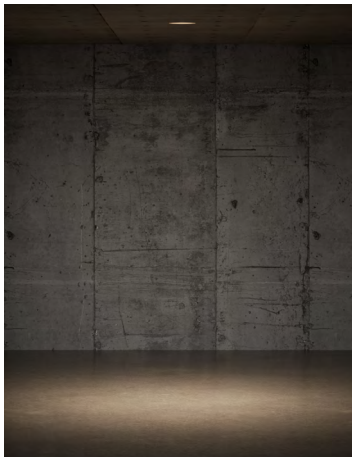
BEAM STUDY

PHOTOMETRIC DISTRIBUTION

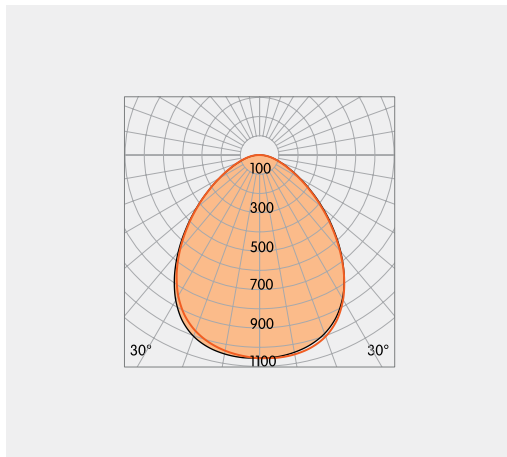
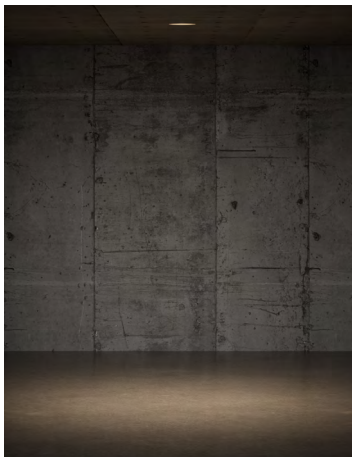
60° Distribution



80° Distribution



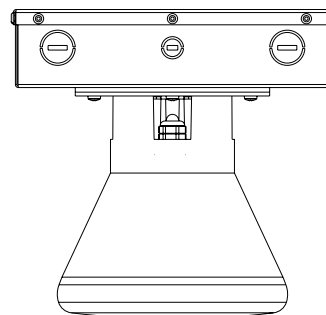
100° Distribution



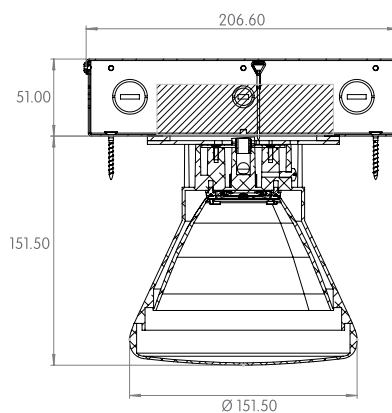
MOUNTING FLEXIBILITY (IN MILLIMETER)



Exposed Mounting



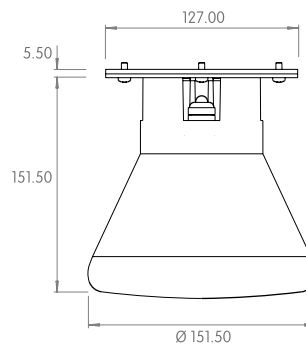
In-Ceiling Mounting



MOUNTING FLEXIBILITY (IN MILLIMETER)



With Remote Driver





SPECTRUM CHARACTERISTICS

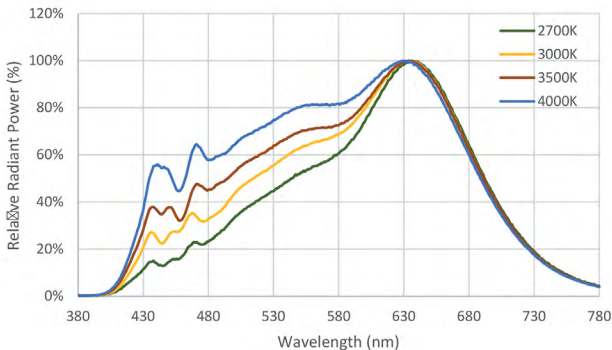
Engineered for museum and gallery lighting, the fixtures combine high-fidelity color rendering with precise optical control to reveal the true colors and details of artworks. The Bridgelux LED technology features a carefully controlled spectral distribution with low blue-light peaks and no ultraviolet or infrared radiation in the emitted light, helping minimize photochemical and thermal exposure to sensitive materials. When used within conservation-specified illuminance levels and exposure durations, the luminaires support the long-term preservation of displayed collections.

Typical Color Rendering Index and TM-30 Values at, Tc=85°C

Nominal CCT¹	R _f	R _g	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	95	103	97	99	94	94	97	98	97	98	99	97	91	98	98	95	98
3000K	95	104	98	99	93	94	97	98	96	96	97	96	92	95	98	95	97
3500K	95	98	98	98	97	98	98	98	98	97	93	97	97	95	98	97	98
4000K	97	100	99	99	97	99	99	99	99	98	94	97	99	96	99	98	98

(1) Bridgelux maintains a tolerance of ± 3 on Color Rendering Index R1-R15 measurements and TM-30 measurements. (2) The data shown in the table above is for reference only. Specific values from R1 to R15 will vary for each production run.

Typical Color Spectrum

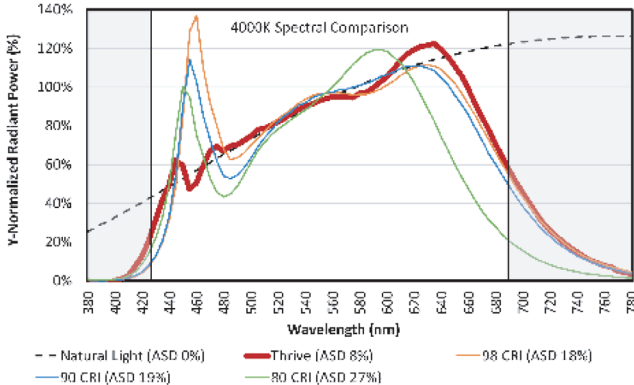


Typical ASD Values at Tc = 85°C

Nominal CCT¹	ASD
2700K	10%
3000K	9%
3500K	8%
4000K	8%

(1) Color spectra measured at nominal current for Tj = 85°C.

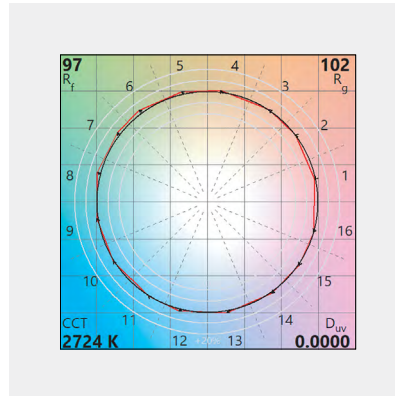
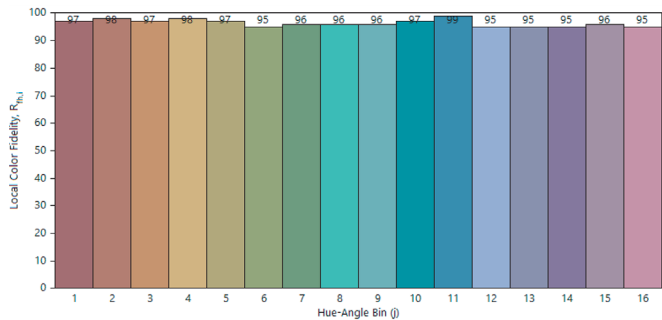
SPD Comparison



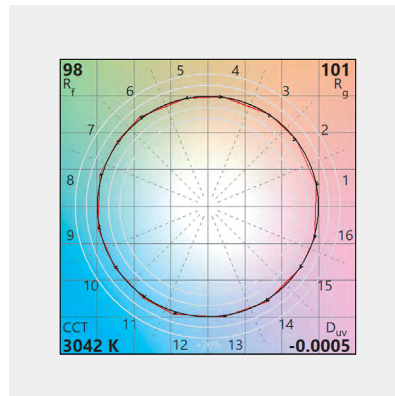
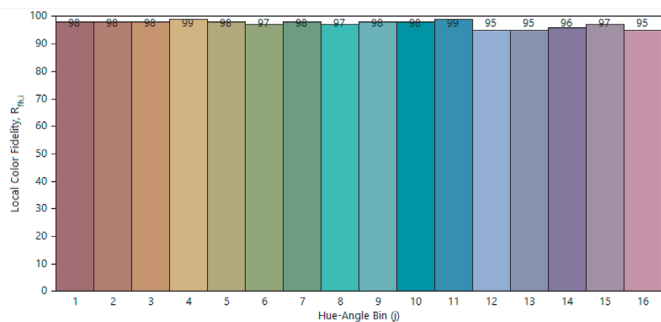
SPECTRUM CHARACTERISTICS



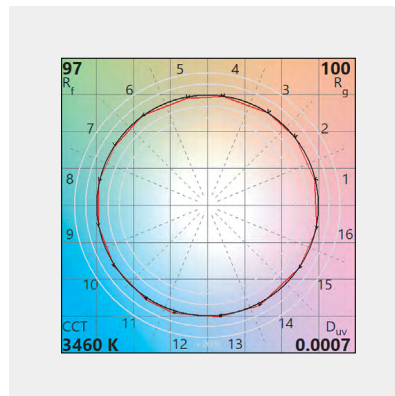
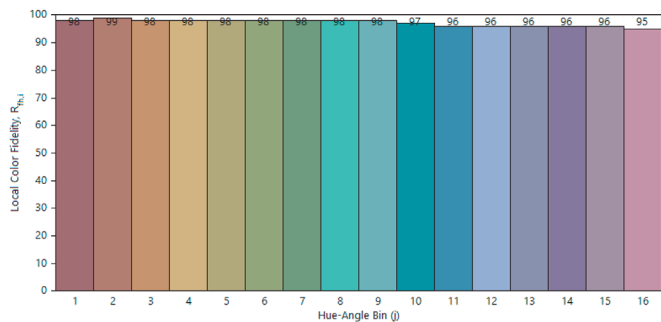
2700K Thrive TM-30 Graphs



3000K Thrive TM-30 Graphs



3500K Thrive TM-30 Graphs



4000K Thrive TM-30 Graphs

