

Architectural Projector / Pendant



HP2

PROJECTOR

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



DOWNLIGHTING | WALLWASHING | DIRECTIONAL

Applications

5200 LM

Delivered output max.

97+

CRI

360°

Lockable Rotation

5 YEARS

Limited Warranty

PRODUCT CONFIGURATION



The HP2 Spotlight is a versatile, high-performance interior luminaire designed for precise accent lighting of artwork, displays, objects, and other focal points within interior spaces. Originally developed for the Los Angeles County Museum of Art (LACMA), HP2 brings together Peter Zumthor's architectural discipline and Bold Lighting's technical expertise.

Designed by Peter Zumthor, the fixture is defined by its cylindrical form, conceived for accenting surfaces and objects with a restrained presence within the architectural space. Bold Lighting led the engineering and manufacturing, translating Zumthor's design into a production-ready luminaire and developing the tilt-and-pan lever system, mounting configurations, finishes, and light-distribution options, all realized under Zumthor's design approval.

Engineered with advanced optical technology, HP2 Spotlight delivers clean, homogeneous light beams with sharp definition and minimal spill, making it ideal for focused accent lighting. The fixture offers 0° to 90° tilt and 360° rotation, with tool-free adjustability and locking, allowing for quick and precise aiming while securely maintaining the selected position.

- Available for various applications: Downlighting, Wallwashing, and Directional Lighting
- Up to 5200 lm delivered output
- Surface installation
- High CRI, up to 97+ CRI (available upon request)
- Compatible with optical accessories
- 5-year limited warranty
- Tilt 0° to 180° and 360° lockable rotation

Delivered Lumen Output / CRI +90

Output	Watts	2700K	3000K	4000K
L	34W	2780 lm	2900 lm	2960 lm
M	60W	4900 lm	5100 lm	5200 lm

HOUSING CODE

Code Example: **HP2-L20-AN**

HP2 ☐ ☐ ☐ ☐ ☐

Type	Power	Voltage	Control	Housing	Emergency
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HP2	L ¹ 34W (2900lm)	2 220V-240V	0 Non-Dim	A* ² Airtight Housing	N No
	M ¹ 60W (5100lm)		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: **HP2-LP-WW-S927-0**

HP2 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Type	Power	Mounting	Body Color	Baffle Color	Optics Type	CRI	CCT	Accessories
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HP2	L ¹ 34W (2900lm)	P Pendant	W White	W Flat White	S 10°	9 +90	27 2700K	0 No Accessories
	M ¹ 60W (5100lm)		B Black	B Flat Black	M 25°	T Thrive	30 3000K	L ³ Diffuse lens
			S Grey		F 35°		35 3500K	F Solite lens
			X Custom		W 50°		40 4000K	
					E 10°x60°			
					G 25°x60°			

(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.

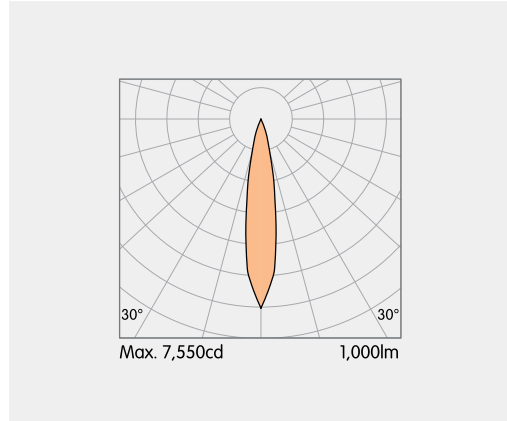
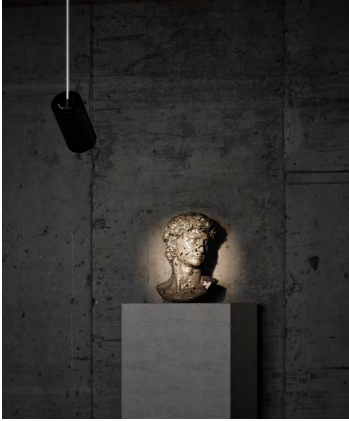
OPTICAL FLEXIBILITY



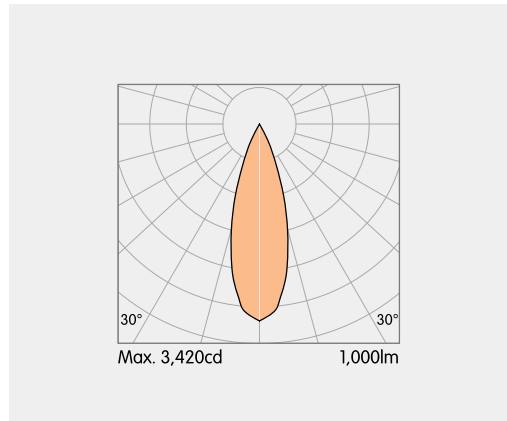
BEAM STUDY

PHOTOMETRIC DISTRIBUTION

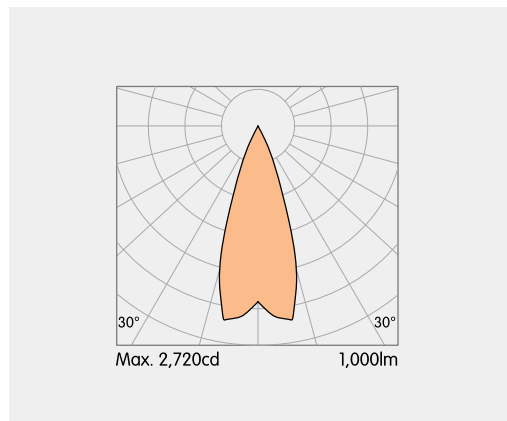
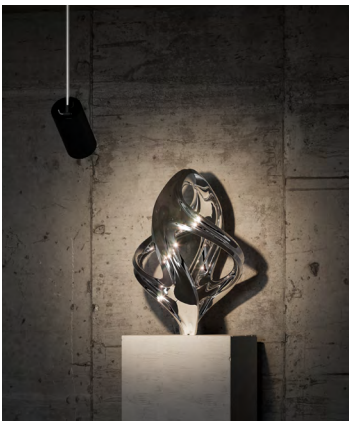
10° Narrow Distribution



25° Medium Distribution



35° Flood Distribution



Beam Distribution and Combination



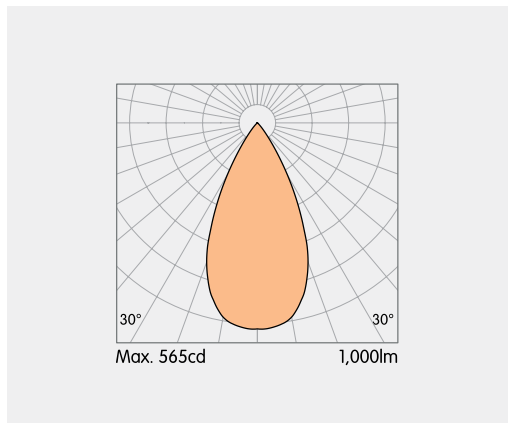
OPTICAL FLEXIBILITY



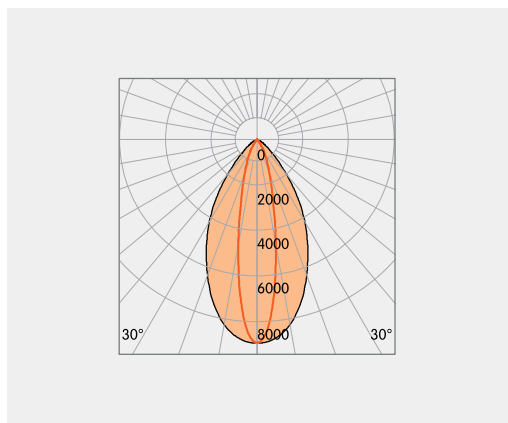
BEAM STUDY

PHOTOMETRIC DISTRIBUTION

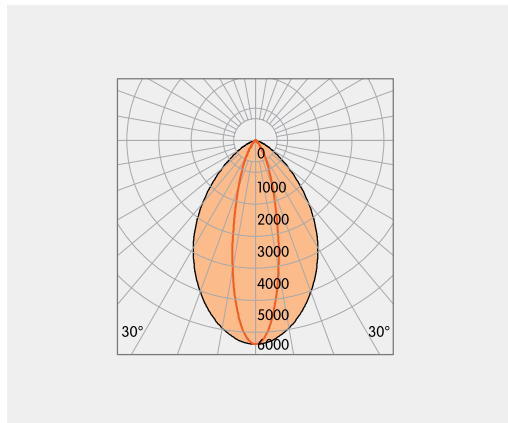
50° Wide Distribution



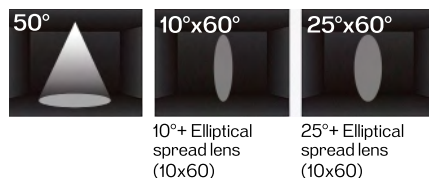
10°x60° Elliptical



25°x60° Elliptical



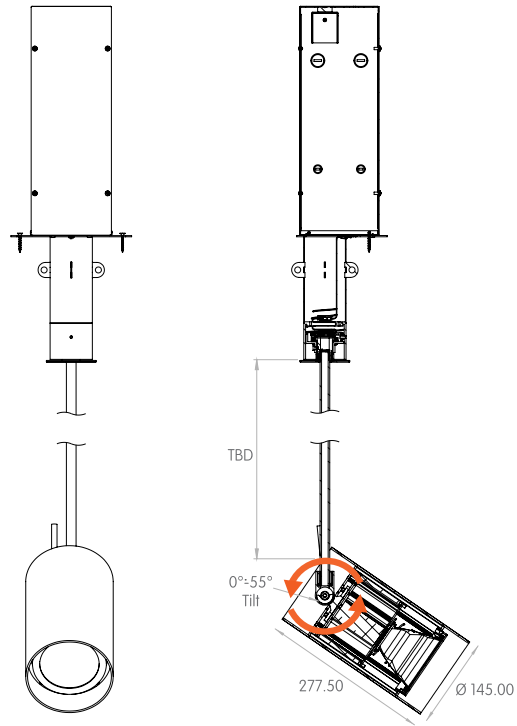
Beam Distribution and Combination



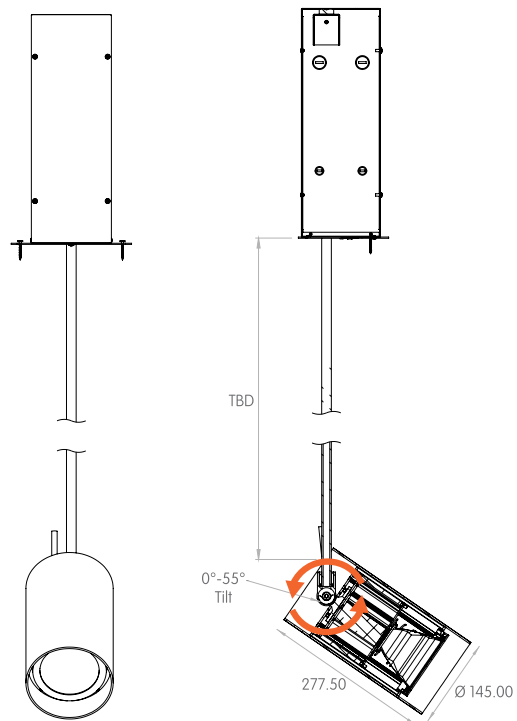
MOUNTING FLEXIBILITY (IN MILLIMETER)



With Concrete Sleeve



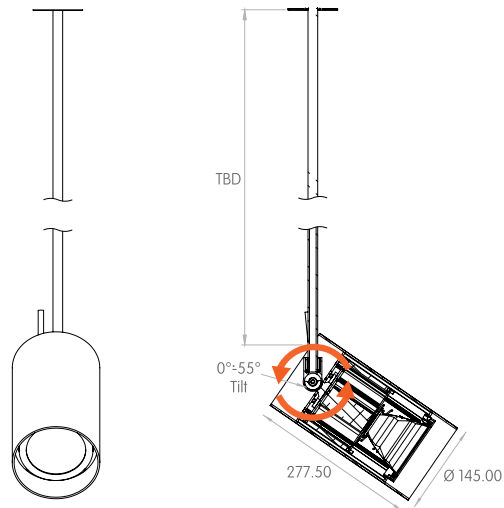
Without Concrete Sleeve



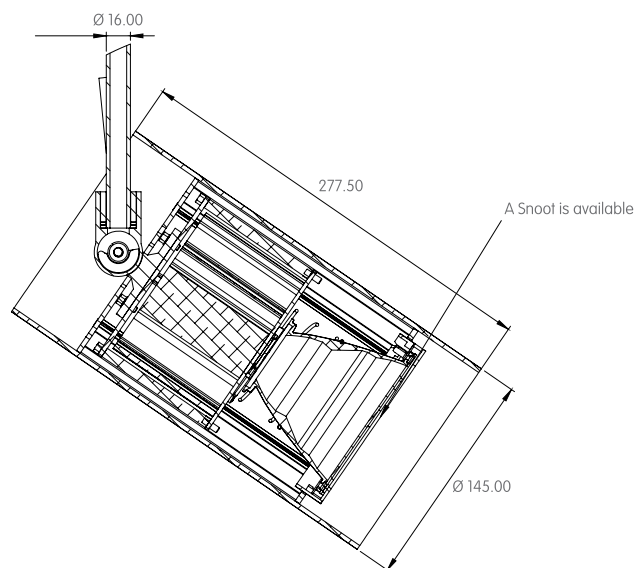
MOUNTING FLEXIBILITY (IN MILLIMETER)



With Remote Driver



With Snoot





SPECTRUM CHARACTERISTICS

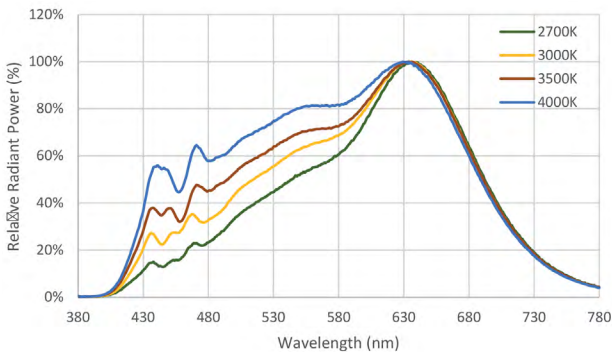
Engineered for museum and gallery lighting, the fixtures combine high-fidelity color rendering with precise optical control to reveal the true colors and details of artworks. The Bridgelux LED technology features a carefully controlled spectral distribution with low blue-light peaks and no ultraviolet 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, T_c=85°C

Nominal CCT ⁽¹⁾	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

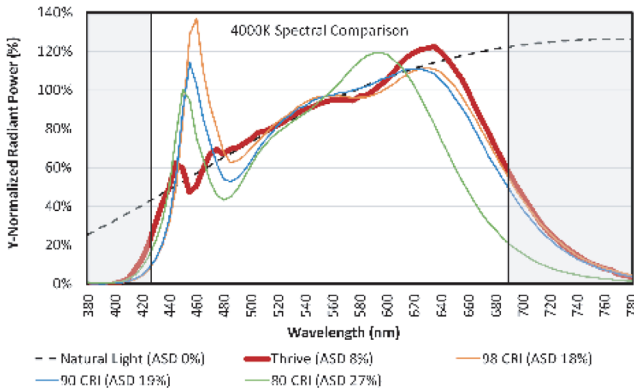


Typical ASD Values at T_c = 85°C

Nominal CCT ⁽¹⁾	ASD
2700K	10%
3000K	9%
3500K	8%
4000K	8%

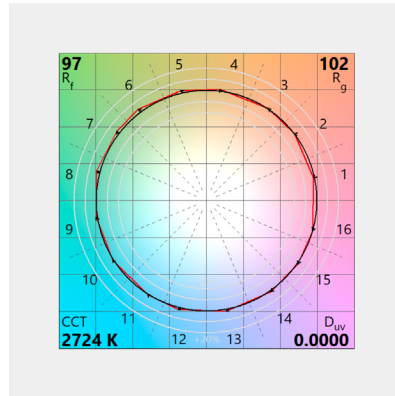
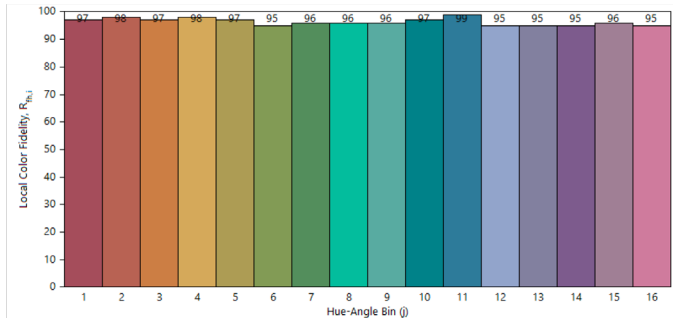
(1) Color spectra measured at nominal current for T_j = 85°C.

SPD Comparison

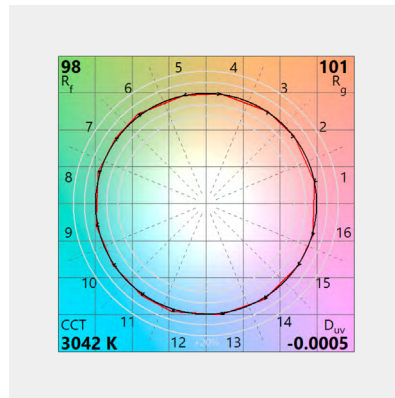
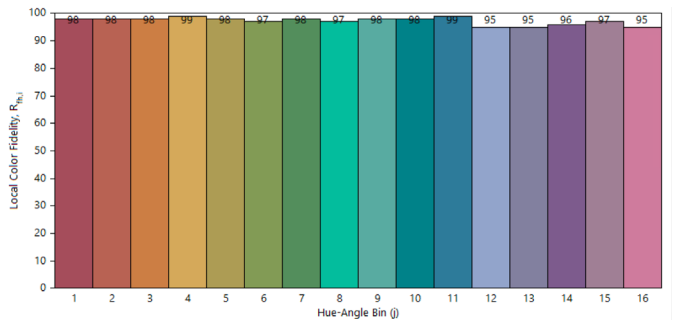


SPECTRUM CHARACTERISTICS

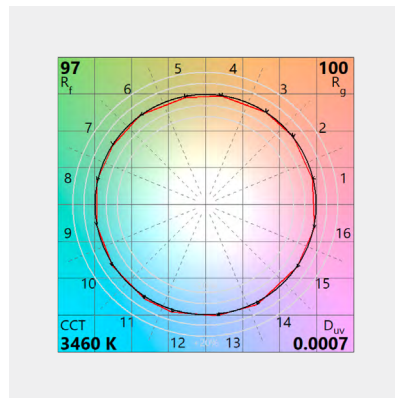
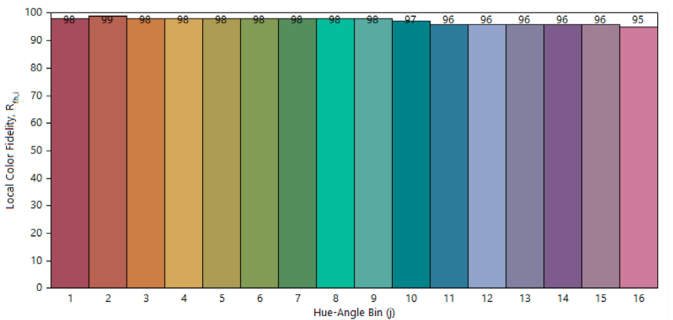
2700K Thrive TM-30 Graphs



3000K Thrive TM-30 Graphs



3500K Thrive TM-30 Graphs



4000K Thrive TM-30 Graphs

