

Architectural Projector / Pendant



HP1

PROJECTOR

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



DOWNLIGHTING | WALLWASHING | DIRECTIONAL

Applications

4760 LM

Delivered output max.

97+

CRI

360°

Lockable Rotation

5 YEARS

Limited Warranty

PRODUCT CONFIGURATION



The HP1 Wallwasher is a versatile, high-performance luminaire designed to illuminate architectural surfaces and large art pieces with controlled precision. Originally developed for the Los Angeles County Museum of Art (LACMA), HP1 brings together Peter Zumthor's architectural discipline and Bold Lighting's technical expertise.

Designed by Peter Zumthor, the fixture is defined by its distinctive wedge-shaped form and quiet presence within the architectural space. Bold Lighting led the engineering and manufacturing, translating Zumthor's design into a production-ready luminaire and developing the adjustable linear optical system, stem-mount construction, and range of finishes and mounting configurations.

Engineered with advanced optical technology, HP1 Wallwasher delivers clean, homogeneous light distribution with excellent uniformity and minimal spill, making it ideal for highlighting walls, vertical surfaces, and large-scale artworks. The optical unit is adjustable in tilt from 0° aiming straight down to 50° from the horizontal, providing a high degree of aiming flexibility for precise light placement.

Available for various applications: Downlighting, Wallwashing, and Directional Lighting

Up to 4760 lm delivered output

Surface installation

High CRI, up to 97+ CRI (available upon request)

Compatible with optical accessories

5-year limited warranty

Tilt 0-45° to 180° and 360° lockable rotation

Delivered Lumen Output / CRI +90

Output	Watts	2700K	3000K	4000K
L	42W	2780 lm	3000 lm	3170 lm
M	55W	4180 lm	4500 lm	4760 lm

HOUSING CODE

Code Example: **HP1-L20-AN**

HP1 ☐ ☐ ☐ ☐ ☐

Type	Power	Voltage	Control	Housing	Emergency
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HP1	L ¹ 42W (3000lm)	2 220V-240V	0 Non-Dim	A* ² Airtight Housing	N No
	M ¹ 55W (4500lm)		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: **HP1-LP-WW-E927-O**

HP1 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Type	Power	Mounting	Body Color	Baffle Color	Optics Type	CRI	CCT	Accessories
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HP1	L ¹ 42W (3000lm)	P Pendant	W White	W Flat White	E 20°x60°	9 +90	27 2700K	0 No Accessories
	M ¹ 55W (4500lm)		B Black	B Flat Black	G 35°x60°	T Thrive	30 3000K	L ³ Diffuse lens
			S Grey				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.

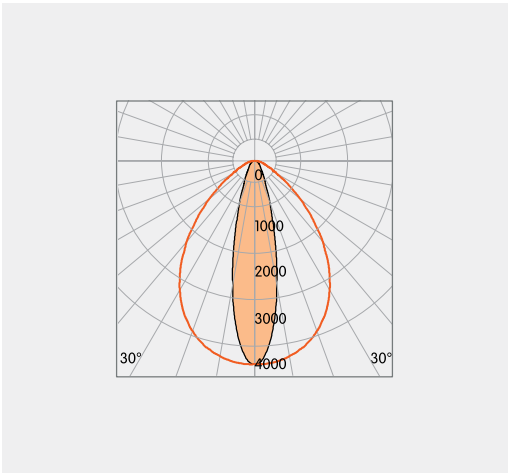
OPTICAL FLEXIBILITY



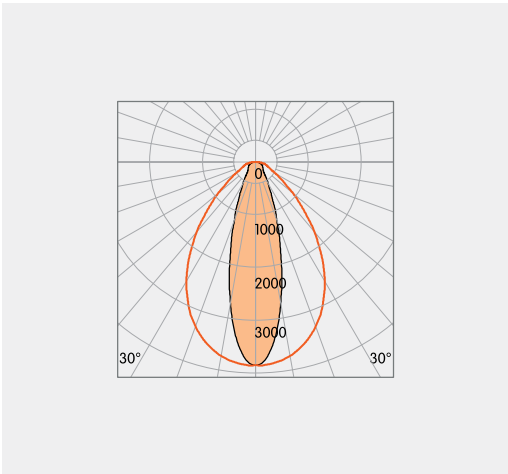
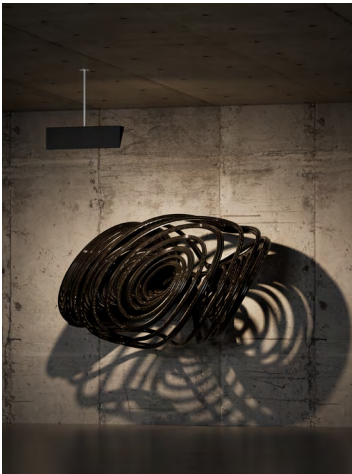
BEAM STUDY

PHOTOMETRIC DISTRIBUTION

20°x60° Elliptical



35°x60° Elliptical



Beam Distribution and Combination

20°x60°

20°+ Elliptical
spread lens
(10x60)

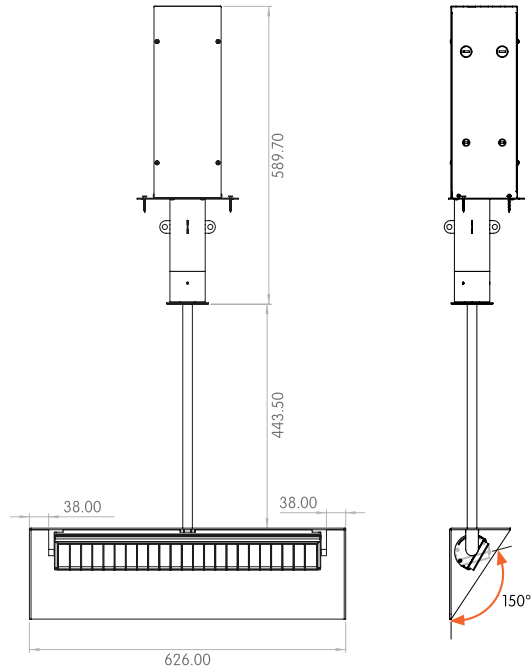
35°x60°

35°+ Elliptical
spread lens
(10x60)

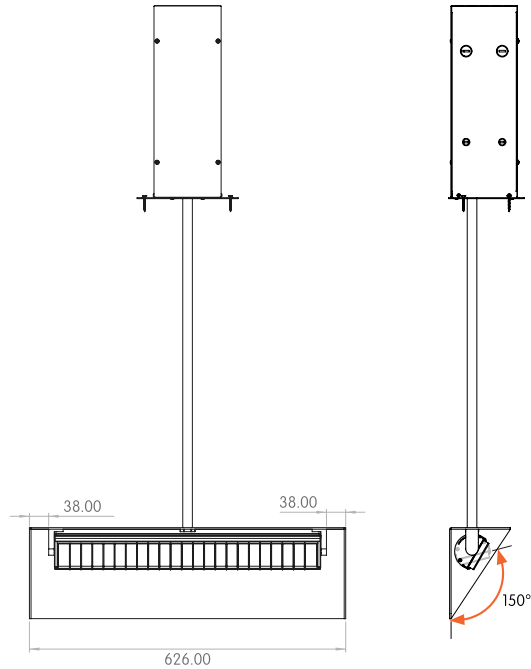
MOUNTING FLEXIBILITY (IN MILLIMETER)



With Concrete Sleeve



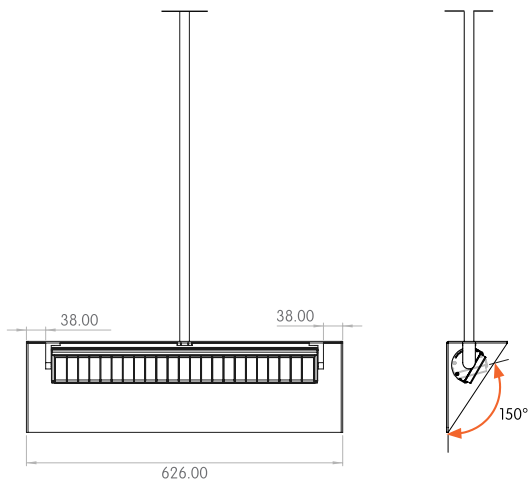
Without Concrete Sleeve



MOUNTING FLEXIBILITY (IN MILLIMETER)



With Remote Driver





SPECTRUM CHARACTERISTICS

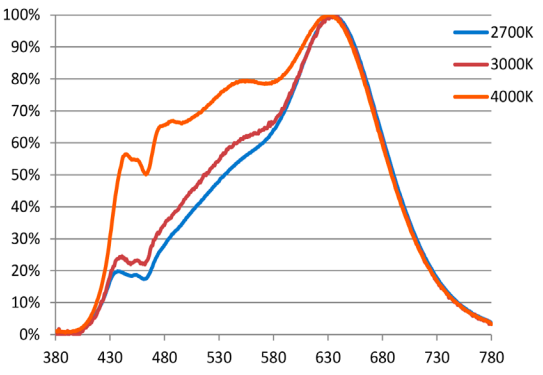
Engineered for museum and gallery lighting, the fixtures combine high-fidelity color rendering with precise optical control to reveal the true colors and details of artworks. The Bridgelux LED technology features a carefully controlled spectral distribution with low blue-light peaks and no ultraviolet 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, 150mA, Tsp=55°C ¹

Nominal CCT ¹	R _t	R _g	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	95	99	98	98	97	96	97	96	97	98	92	92	92	92	92	92	92
3000K	95	99	97	98	96	97	97	97	97	97	92	92	92	92	92	92	92
4000K	97	99	96	98	97	96	99	97	98	97	92	92	92	92	92	92	92

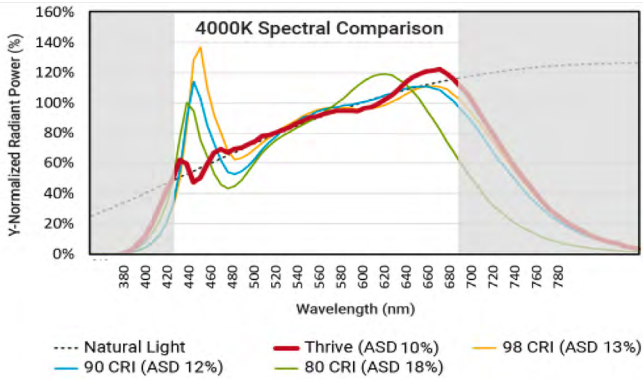
(1) Bridgelux maintains a tolerance of ± 3 on Color Rendering Index R1-R15 measurements and TM-30 measurements. (2) Rn reference by Nominal Drive Current will have deviations when changed drive current.

Typical Color Spectrum



(1) Color spectra measured reference by nominal current for Tsp = 55°C.

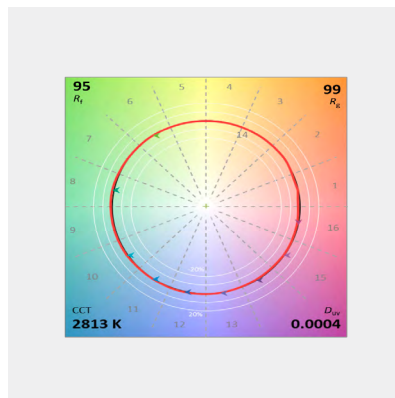
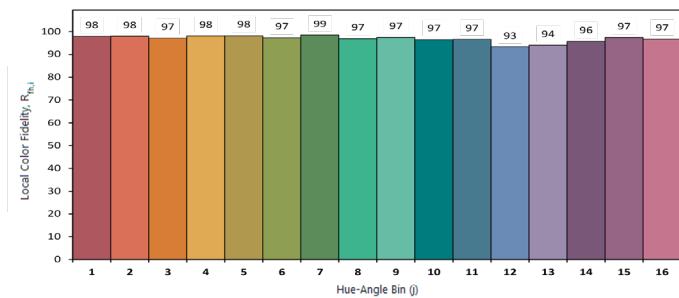
SPD Comparison



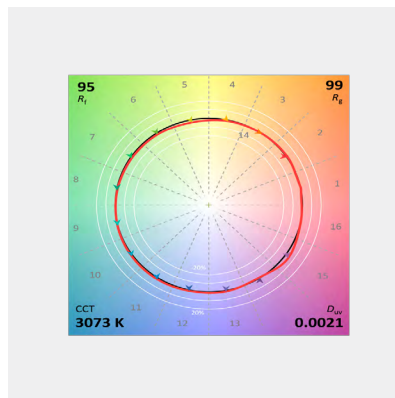
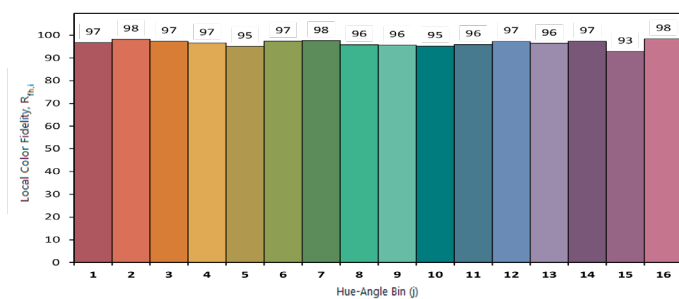
SPECTRUM CHARACTERISTICS



2700K Thrive TM-30 Graphs



3000K Thrive TM-30 Graphs



4000K Thrive TM-30 Graphs

