

HB Infinity

Mechanically and Electrically Interconnectable

HB Infinity is a mechanically and electrically interconnectable linear lighting system for long runs of up to 100 m or 2000 W, an attribute that reduces by up to 90% the amount of electrical outputs in any installation, translating into significant returns on investment. Understanding the different lighting needs that arise in each project, Infinity offers configurations that deliver adequate solutions through a diversity of luminous fluxes for low and high mounting, different color temperatures and optical options designed for general lighting applications, logistic centers, supermarkets and manufacturing spaces.

Interconnectable System!

Mechanical and electrical interconnection for continuous runs, reducing the number of electrical outputs by up to 90%.



Certifications:

Warranty:

5 Years



General Technical Data

Light Source	Built-in LED
Nominal luminous flux (lm)	2,000 - 22,750
System Efficacy (lm/W)	>130
CCT	3000K/4000K/5000K
CRI	80
Beam Angle	40°x110° / 60°x110° / 90° / Double asymmetric
Power	14W/27W/53W/87W/175W
Input Voltage	127-277V~
Input Frequency	60 Hz
Power Factor	>0.9
Total Harmonic Distortion (THD)	<10%
Operating Temperature	-10° to 40° C
Driver	Integrated
Control	0-10V
Lifespan/LED Maintenance	50,000h L70
Housing	Steel
Lens Material	PMMA (Acrylic)/Polycarbonate PC
Finish	Electrostatic painting
Color	Black/White/Grey/Graphite
IP	10
IK	04
Mounting Type	Suspended

Order Information

UN	8	—	—	—	A
Segment	Mounting Type	Color	CCT	Input Voltage	Control
UN	8- Suspended	B- White F- Graphite G- Grey N- Black	BC- 3000K BN- 4000K BF- 5000K	A- 127-277V~	0-10V

Code construction example: UN 8 512 B BN A

Nominal Length	Luminous Flux (lm)	Power (W)	Consecutive by Beam Angle			
			90°	60°x110°	40°x110°	Double Asym.
2 Feet	2,000	14	500	501	502	503
2 Feet	4,000	27	504	505	506	507
4 Feet	4,000	27	508	509	510	511
4 Feet	8,000	53	512	513	514	515
4 Feet	13,000	87	516	517	518	519
8 Feet	13,000	87	520	521	522	523
8 Feet	25,000	175	524	525	526	527

2ft / 4ft / 8ft are nominal sizes.

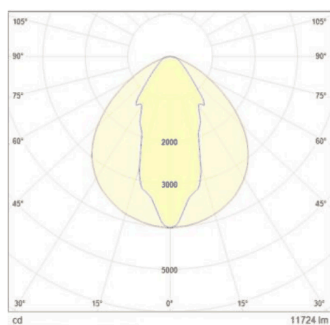
Order Information

Code	Color	Description
MC 2	B- White	Interconnection module 2 feet
MC 4	F- Graphite	Interconnection module 4 feet
MC 8	G- Grey	Interconnection module 8 feet
	N- Black	

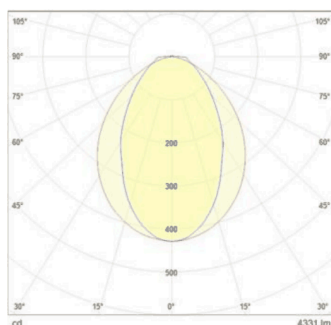
Energy Efficiency

Code	Nominal Luminous Flux (lm)	Power (W)	System Efficacy (lm/W)
UN 8 500 B BN A	2,000	14	142.9
UN 8 504 B BN A	4,000	27	148.1
UN 8 508 B BN A	4,000	27	148.1
UN 8 512 B BN A	8,000	53	150.9
UN 8 516 B BN A	13,000	87	149.4
UN 8 520 B BN A	13,000	87	149.4
UN 8 524 B BN A	25,000	175	142.9

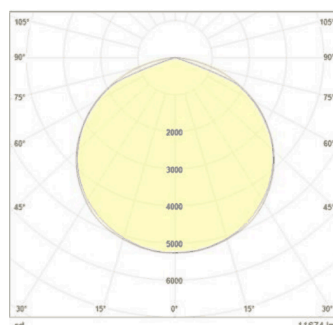
Photometric



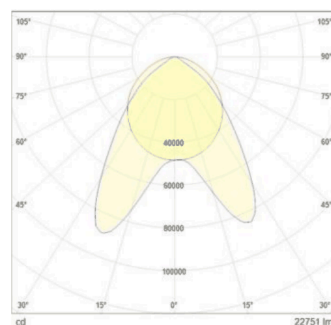
HB Infinity
40°x110°



HB Infinity
60°x110°



HB Infinity
90°

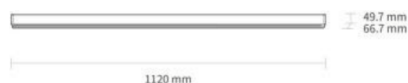


HB Infinity
Double Asymmetric

Dimensions



HB Infinity 0.60 m (2ft)



HB Infinity 1.20 m (4ft)



HB Infinity 2.40 m (8ft)