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HIGH BAY FLEX

RELIABLE LIGHT UP HIGH

POWERED THROUGH
ROBUST ENGINEERING

HIGH BAY FLEX

PERFORMANCE
CLASS

ROBUST DESIGN MEETS
POWERFUL ILLUMINATION
DURABLE AND INSTALLER-FRIENDLY

The new HIGH BAY FLEX, with its flat housing shape, is ideally suited for industrial halls, sports facilities and large indoor spaces with high ceilings from 10 to 20 metres.



+ **EFFICIENT & POWERFUL:** up to 195 lm/W – for significant energy savings compared to traditional highbay luminaires.

+ **ROBUST & DURABLE:** IP66, IK10, ball-proof certified and wide operating temperature range (-30...+50° C) – ideal for tough industrial and sports applications.

+ **LOW MAINTENANCE:** housing design reduces dust build-up and eases cleaning – ideal for installations at height.

+ **LONG LIFETIME:** thermally optimised, high-quality aluminium housing ensures excellent thermal management and up to 100 000 h lifetime.

+ **ADAPTABLE:** available in 35°, 70°, 110°, 35° × 80° beam angles

+ **EASILY CONNECTED:** DALI-2 certified driver enables light management

+ **EMERGENCY LIGHTING READY:** (coming soon)

+ **FLEXIBLE:** 0–10V dimming optional



MULTI LUMEN: FLEXIBLE LUMEN OUTPUT



Reduce stock complexity and adapt to different lighting needs – thanks to 3-step MULTI LUMEN control via dip switch.

FLEXIBLE MOUNTING OPTIONS THANKS TO OPTIONAL ACCESSORIES



SURFACE BRACKET
Allows direct mounting to ceilings or walls with flexibility.



2 mounting rings included:

CHAIN BRACKET
Secure suspension for high-ceiling installations (chains not included).



High-performance lighting for large-scale industrial halls with high ceilings.



Ball-proof certified lighting for safe and durable use in indoor sports facilities.



Efficient lighting for logistics and storage areas – with oval beam for better aisle illumination.

HIGH BAY FLEX RECOMMENDED MOUNTING HEIGHTS

RECOMMENDED LIGHT LEVELS – according to DIN EN 12464-1 2021 – MF 0.8 Example: (50 × 30 m room)

MOUNTING HEIGHT – measured from the ground

	6 M	8 M	10 M	12 M	14 M	16 M	18 M
HIGH BAY FLEX 110° (4099854538803) set to 120 W							
6 M	538 lx–0.88	512 lx–0.76	487 lx–0.70	464 lx–0.68	441 lx–0.66	420 lx–0.65	400 lx–0.66
8 M	324 lx–0.82	309 lx–0.88	294 lx–0.77	281 lx–0.73	268 lx–0.71	255 lx–0.69	244 lx–0.69
10 M	194 lx–0.63	182 lx–0.69	171 lx–0.65	162 lx–0.64	154 lx–0.62	146 lx–0.62	139 lx–0.63
12 M	163 lx–0.42	154 lx–0.76	148 lx–0.91	142 lx–0.87	136 lx–0.80	130 lx–0.77	124 lx–0.75
HIGH BAY FLEX 110° (4099854538803) set to 180 W							
6 M	786 lx–0.88	748 lx–0.76	712 lx–0.70	678 lx–0.68	645 lx–0.66	615 lx–0.66	585 lx–0.66
8 M	474 lx–0.83	451 lx–0.88	430 lx–0.77	411 lx–0.73	392 lx–0.71	373 lx–0.69	356 lx–0.69
10 M	284 lx–0.63	266 lx–0.70	250 lx–0.66	237 lx–0.63	225 lx–0.62	213 lx–0.62	202 lx–0.63
12 M	238 lx–0.42	225 lx–0.76	216 lx–0.91	207 lx–0.87	198 lx–0.81	190 lx–0.77	182 lx–0.75
HIGH BAY FLEX 110° (4099854538803) set to 240 W							
6 M	1014 lx–0.88	965 lx–0.75	918 lx–0.70	874 lx–0.68	832 lx–0.66	792 lx–0.66	754 lx–0.66
8 M	611 lx–0.82	581 lx–0.88	555 lx–0.77	529 lx–0.73	505 lx–0.71	481 lx–0.69	459 lx–0.69
10 M	366 lx–0.63	343 lx–0.70	323 lx–0.66	306 lx–0.63	290 lx–0.63	275 lx–0.63	261 lx–0.64
12 M	307 lx–0.42	291 lx–0.76	278 lx–0.91	267 lx–0.87	256 lx–0.81	245 lx–0.78	234 lx–0.75
14 M	235 lx–0.29	224 lx–0.60	215 lx–0.86	207 lx–0.90	199 lx–0.83	191 lx–0.78	184 lx–0.76
	Fine Machine Work/Inspection or Finishing	Medium to Fine Processing/Manufacturing	Medium Processing/Manufacturing	Rough Machine Work/Fabrication	Bulk Storage/Warehousing	Other beam angle tables available on request.	
	750+ LX	500–750 LX	300–500 LX	200–300 LX	100–200 LX		

SPACING – Distance between highbays

ABOUT LEDVANCE

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products, traditional lamps and renewable energy solutions.

#POWERTHROUGHLIGHT

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LEDVANCE

HIGH BAY FLEX

PERFORMANCE
CLASS



Product name	EAN (GTIN)	El.nr.	Replacement for	W	lm	lm/w	K	L80 ¹			L x W x H [mm] Ø x H [mm]
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HIGH BAY FLEX – High-bay luminaires with up to 195 lm/W and attractive UGR

HB FLEX P 240W 35 ML 840 WT	4099854538780	3381473	1000 W HPS	240/180/120	44160/34200/23400	195/190/184	4000	100000	35	0-10V	585 x 320 x 95
HB FLEX P 240W 70 ML 840 WT	4099854538797	3381474	1000 W HPS	240/180/120	44160/34200/23400	195/190/184	4000	100000	70	0-10V	585 x 320 x 95
HB FLEX P 240W 110 ML 840 WT	4099854538803	3381475	1000 W HPS	240/180/120	44160/34200/23400	195/190/184	4000	100000	110	0-10V	585 x 320 x 95
HB FLEX P 240W 35X80 ML 840 WT	4099854538810	3381476	1000 W HPS	240/180/120	44160/34200/23400	195/190/184	4000	100000	35 x 80	0-10V	585 x 320 x 95

HIGH BAY FLEX DALI – High-bay DALI-2 luminaires with up to 184 lm/W and attractive UGR

HB FLEX DA P 240W 35 840 WT	4099854538827	3381477	1000 W HPS	240	42000	184	4000	100000	35	DALI-2	585 x 320 x 95
HB FLEX DA P 240W 70 840 WT	4099854538834	3381478	1000 W HPS	240	43200	184	4000	100000	70	DALI-2	585 x 320 x 95
HB FLEX DA P 240W 110 840 WT	4099854538841	3381479	1000 W HPS	240	43200	184	4000	100000	110	DALI-2	585 x 320 x 95
HB FLEX DA P 240W 35X80 840 WT	4099854538858	3381480	1000 W HPS	240	43200	184	4000	100000	35 x 80	DALI-2	585 x 320 x 95

SAFETY ADVICE:

Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.



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Product name	EAN (GTIN)	El.nr.	COLOR	MATERIAL	L [mm]	W [mm]		
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HIGH BAY FLEX ACCESSORIES – Mounting accessory for HIGH BAY FLEX luminaires

HB FLEX BRACKET CHAIN	4099854612787	3381482	White	Steel	600	45	2	1
HB FLEX BRACKET SURFACE	4099854612800	3381481	White	Steel	562	54	1	2

¹ t[h]: L70/B50 @ 25 °C (T_a), t[h]: L80/B10 @ 25 °C (T_a), t[h]: L90/B10 @ 25 °C (T_a)

² Refer to www.ledvance.com/guarantee for precise conditions