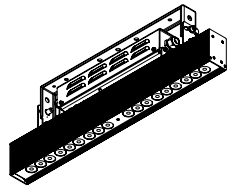


LL HLBS M365-54-180W

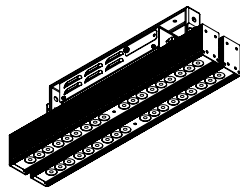
PRODUCT SHEET



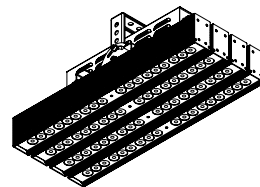
Product variants



LL HLBS O165-18-60W
LL HLBS M165-18-25W
LL HLBS M165-18-40W
LL HLBS M165-18-60W



LL HLBS O265-36-120W
LL HLBS M265-36-80W
LL HLBS M265-36-120W



LL HLBS R465-72-240W

Industry & Engineering

LL HLBS is a sophisticated highpower LED luminaire especially designed for large arena lighting like sport halls and industry. Versatility is given by the wide variety of optics and light colors.

Features

- LED technology
- High quality rendering, CRI > 80
- Wide variety of optics
- High energy savings and fast return of investment

Application

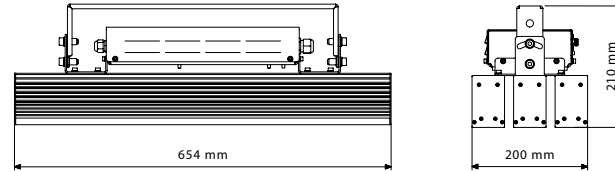
- Multifunctional sport halls
- Indoor sport halls
- Swimming pools
- Tennis courts, squash courts
- Commercial and public halls
- Industrial areas
- Shopping centers



TECHNICAL SPECIFICATION

Electrical data	
Input voltage	90–264 V AC, 47–63 Hz, 127–370 V DC
Power	180 W
Max. inrush current	cold start 55 A ($t_{width} = 270 \mu s$, 50% I_{peak}), 230 V AC
Driver	Included
Light source	
Light source	54 x LED
Exchangeable	no
Photometrical data	
Optic	Standard: 58 ° Optional: 13 °, 18 °, 30 °, 38 °, 110 ° EL 12 x 46 °
CCT	Standard: 4.000 K Optional: 3.000 K, 5.600 K
CRI	Standard: 80 Optional: 75, 90
Light technical data	
Lifespan	75.000 hours
Operation conditions	
Control	Standard: On / Off Optional: DMX, IQRF, wireless DMX, CLO
IP rating	Standard: IP20 Optional: IP67
Operation temperature	Standard: -30 ° C to +40 ° C Optional: +50 ° C
Cooling	Conventional
Product data	
Color	Standard: Natural Optional: Black or RAL
Material	Anodized aluminium
Packing information (preliminary info)	
Dimension (box)	680 mm x 210 mm x 200 mm
Weight	16,50 kg

TECHNICAL DRAWING



OPTIONAL ELECTRONIC MODULE

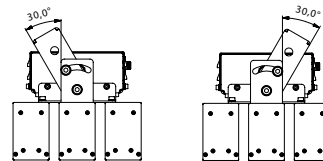
LL ECO DMX DRIVER:	additional electronic module for DMX control of the luminaire
LL IQRF MODUL DRIVER:	additional electronic module for wireless control
LL DMX DRIVER 8-1A:	additional electronic module for DMX control of the luminaire
LL CLO MODUL:	additional electronic module, which ensures constant light flux during the whole lifetime of the luminaire and 10 % extra energy saving
LL IQRF DMX RECEIVER:	additional electronic module for wireless DMX transfer

ORDER CODES

LL HLBS M365-54-180W-015-40K-C80-I20-NA
 LL HLBS M365-54-180W-020-40K-C80-I20-NA
 LL HLBS M365-54-180W-030-40K-C80-I20-NA
 LL HLBS M365-54-180W-040-40K-C80-I20-NA

LL HLBS M365-54-180W-060-40K-C80-I20-NA
 LL HLBS M365-54-180W-110-40K-C80-I20-NA
 LL HLBS M365-54-180W-EL1445-40K-C80-I20-NA

MOUNTING



PHOTOMETRY

