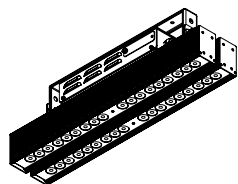


LL HLBS O165-18-60W

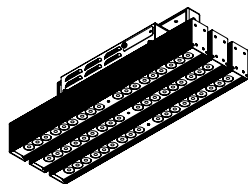
PRODUCT SHEET



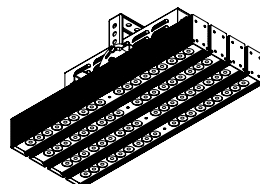
Product variants



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



LL HLBS O365-54-180W
LL HLBS M365-54-180W



LL HLBS R465-72-240W

Sport & Large area lighting

Indoor sport arenas and halls

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

Other application

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

LED

5
years
Warranty

DALI

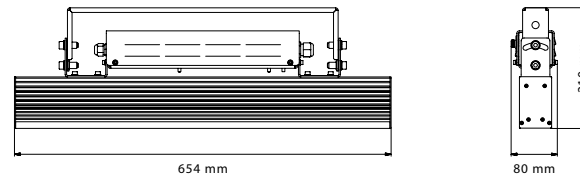
IP67
Outdoor

IP20
Indoor

TECHNICAL SPECIFICATION

Electrical data	
Input voltage	220–240 V AC, 50–60 Hz
Power	60 W
Max. inrush current	53 A, 200 μ s, 230 V AC
Driver	Included
Light source	
Light source	18 x LED
Exchangeable	no
Photometrical data	
Optic	Standard: 58 °
	Optional: 13 °, 18 °, 30 °, 38 °, 110 ° EL 12 x 46 °
CCT	Standard: 5.600 K
	Optional: 3.200 K
CRI	Standard: 80
	Optional: 90
Light technical data	
Lifespan	70.000 hours
Operation conditions	
Control	Standard: On / Off
	Optional: DALI
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 information)	
Dimension (box)	680 mm x 120 mm x 200 mm
Weight	6,50 kg

TECHNICAL DRAWING



OPTIONAL ELECTRONIC MODULE

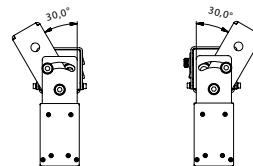
LL ECO DALI DRIVER: additional electronic module for DALI control of the luminaire

ORDER CODES

LL HLBS O165-18-60W-015-56K-C80-I20-NA
 LL HLBS O165-18-60W-020-56K-C80-I20-NA
 LL HLBS O165-18-60W-030-56K-C80-I20-NA
 LL HLBS O165-18-60W-040-56K-C80-I20-NA

LL HLBS O165-18-60W-060-56K-C80-I20-NA
 LL HLBS O165-18-60W-110-56K-C80-I20-NA
 LL HLBS O165-18-60W-EL1445-56K-C80-I20-NA

MOUNTING



PHOTOMETRY

