

LL HBDW PS21

PRODUCT SHEET



Product variants



LL HBDW DS21 - DMX

Public lighting

LL HBDW PS21 is a compact downlight with efficient LED technology. It's ideal tool for public lighting. The most characteristic features are low power consumption, high total efficacy and long lifespan.

LL HBDW PS21 with switching driver may be extended with electronic modules LL DIM ANA for 0-10V control or LL SMART IQ for wireless dimming 0% – 100%. Optional LED dimming allows further energy saving.

Features

- Onecolor or multicolor RGBW LED technology
- Wide variety of optics
- High energy savings and fast return of investment
- Long lifespan

Application

- Commercial and public halls
- Churches, temples, cathedrals
- Shopping centers, lobby
- Bus and railway stations and airport halls
- Auditoriums



TECHNICAL SPECIFICATION

Electrical data

Input voltage	90 – 305 V AC, 47 – 63 Hz, 127 – 370 V DC
Power	16 x LED / 50 W, 80 W
	24 x LED / 75 W
	36 x LED / 100 W

Light source

Light source	16 / 24 / 36 x LED
Exchangeable	no

Photometrical data

Optic	Standard: 60 °
	Optional: 15 °, 20 °, 30 °, 40 °, 110 °
Light Colour	White: Standard: 3.000 K
	Optional: 2.700 K, 3.500 K, 4.000 K, 5.000 K
	Multicolor: RGBW
CRI	White: Standard: 80, Optional: 90

Light technical data

Lifespan	L70 T _a 15 ° max. 100.000 hours
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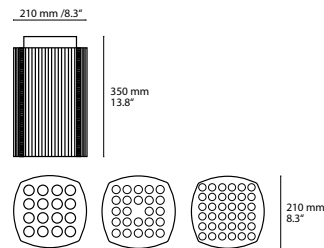
Operation conditions

Control	On / Off
IP rating	IP20
Operation temperature	-30 ° C to +40 ° C
Cooling	Conventional

Product data

Color	Natural
Material	Anodized Aluminium
Weight	4,10 kg

TECHNICAL DRAWING



ORDER CODES

White

LL HBDW PS21-16-50W-060-30K-C80-I20-NA
 LL HBDW PS21-24-75W-060-30K-C80-I20-NA
 LL HBDW PS21-36-100W-060-30K-C80-I20-NA

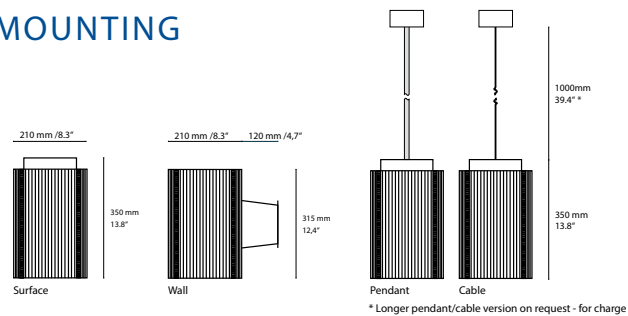
Multicolor

LL HBDW PS21-16-80W-040-RGBW-C80-I20-NA

ACCESSORIES

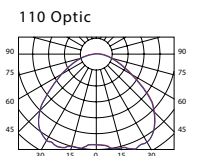
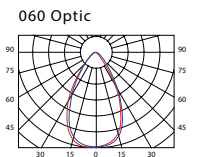
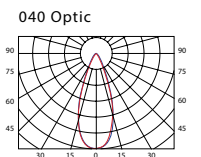
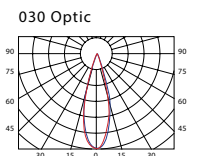
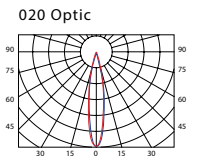
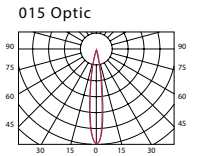
LL HBDW BAFFLE
 LL HBDW TOP HAT
 LL HBDW POLE ADAPTER
 LL HBDW WALL ADAPTER
 LL DIM ANA - electronic module for 0 – 10 V control
 LL SMART IQ - electronic module for wireless dimming 0 – 100 %

MOUNTING



* Longer pendant/cable version on request - for charge

PHOTOMETRY



■ -0 ° H ■ -90 ° H



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