



PRODUCT DESCRIPTION

The BB Systemlight is a system that creates a continuous optical and modular light line of high-performance optical LED modules in an aluminium support profile. An LED module emits light in an impact-resistant polycarbonate tube. With specially developed optical systems, the light is directed in specific directions, which ensures a constant, uniform and anti-glare light distribution. The 180° light distribution increases the feeling of comfort by illuminating the entire space, including the ceiling. This contributes to a sense of security in large spaces such as platforms, stations, tunnels, parking garages, industrial buildings, terminals/depo's and shopping centers.

The audio integration contribute to a comfortable feeling in the public areas and consists of an additional anodized aluminum module with integrated speaker. It can be used for music or voice communication and for recreational purposes or as a certified voice alarm system for fire detection. The emergency light module is placed in driver compartment and the cabling for audio and emergency light are integrated into the light lines, so that the installation can be done faster.

ELECTRICAL INFORMATION

Nominal voltage	220-240V - 50-60 Hz
Electrical class	Class I
Power factor (@ full load)	0.98 @100% - 0.85@20%
Control protocols	DALI 2
Maximum Dim level	10%

OPERATION CONDITIONS

temperature range	-25°C - +40°C
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SPECIFICATIONS LEDS

Life time all types	100Khours @ Ta35°C
Colour	4000K (3000K - 5000K optional)
CRI	>80
Type of LED	mid power

OPTIONS

Other type of connections or cabling on demand
RAL colour on request

CONSTRUCTION

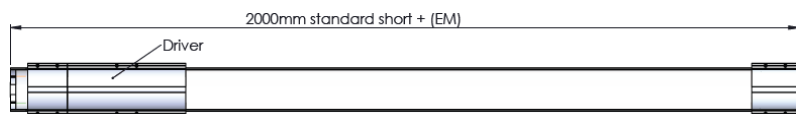
Housing	Extruded alu anodized
Optical unit	Polycarbonat, UV resistant
Cabling	no smpoke, no Halogen
Connection	Yes or with plug&play connectors
Flammability	Not for mounting on combustibile surfaces
light source replaceable	Yes, only by a specialized service provider
driver replaceable	Yes, only by a specialized service provider
Power supply	Internal driver
Fixation / support brackets	Stainless steel
Electrical connection	via internal cabling / externally via connectors
Ingress Protection	IP66 optic / IP44 profile
Impact class	IK10

STANDARDS

EN 60598-1, EN 60598-2-22
EN 55015, EN 61000-3-2
Construction and testing following ENEC procedures
Fully recyclable materials
Design following Cradle to Cradle concept
CE mark

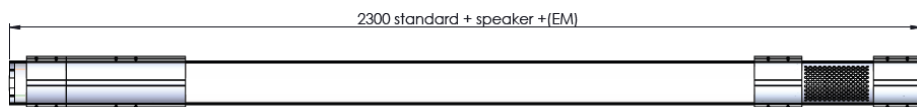
SYS200/150

2000 x 133 x 122 mm



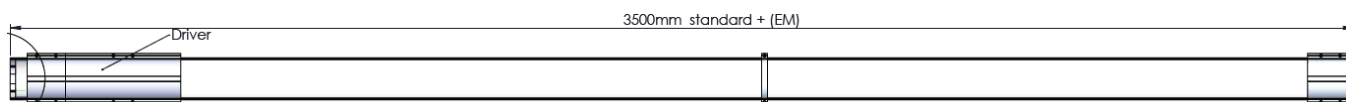
SYS230/150 SPEAKER

2300 x 133 x 122 mm



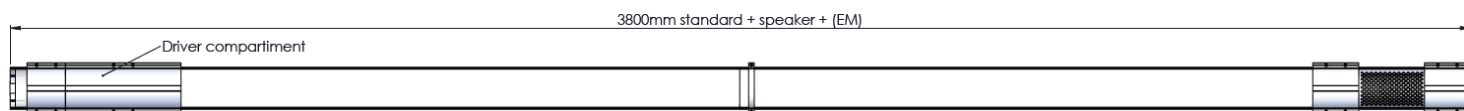
SYS350/300

3500 x 133 x 122

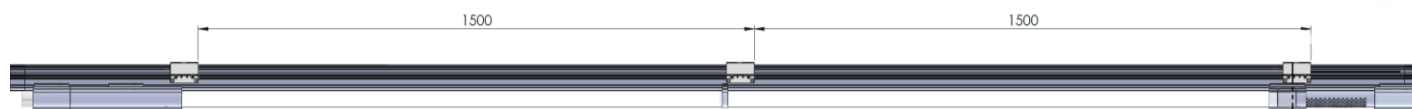


SYS380/300 SPEAKER

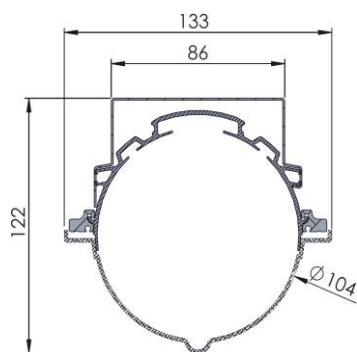
3800 x 133 x 122



Side view



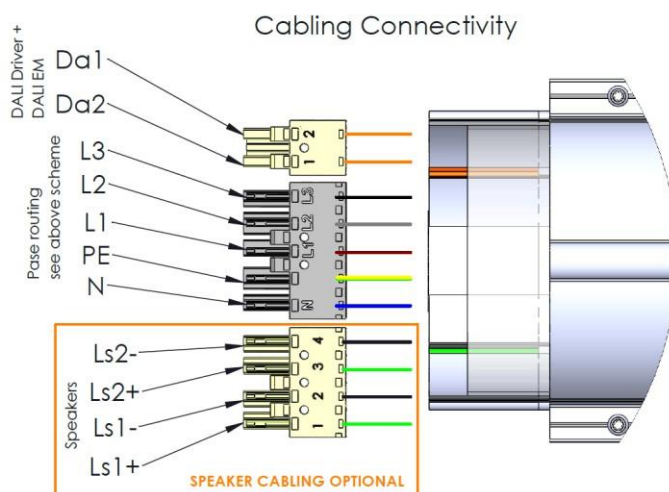
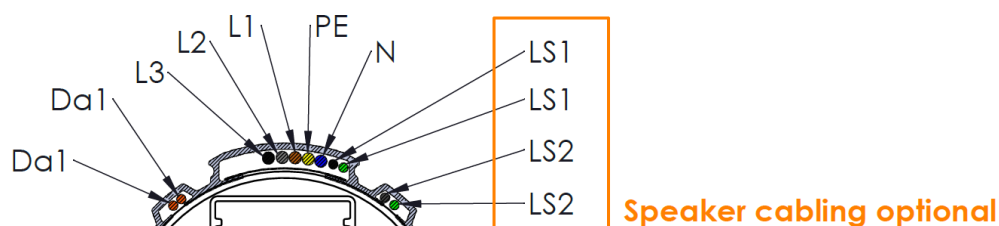
Section



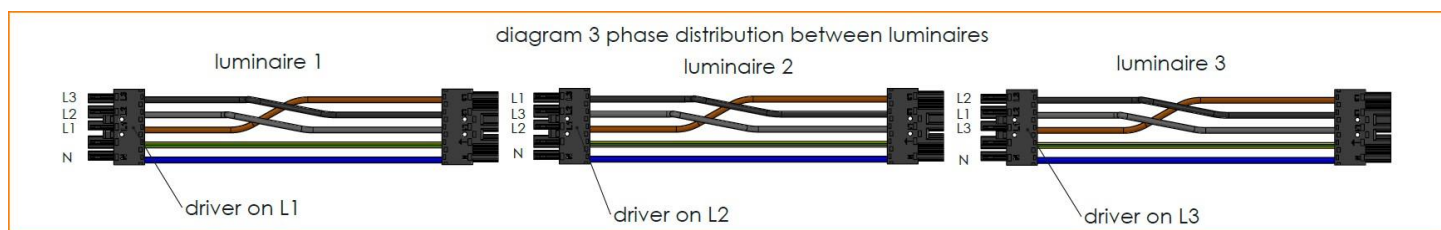
Detail speaker



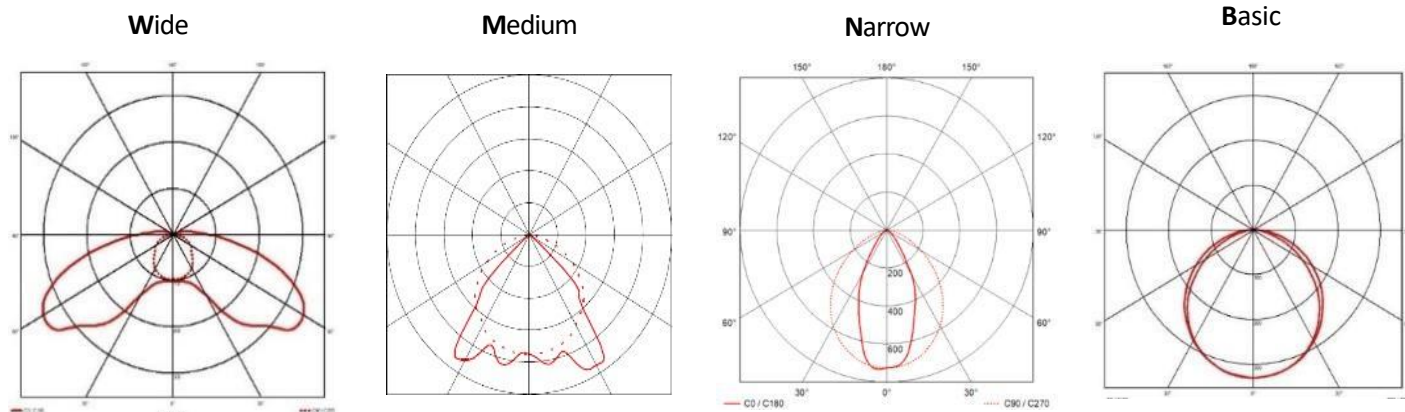
Principle of wiring and connection



Principle of cabling between modules 3 phase distribution



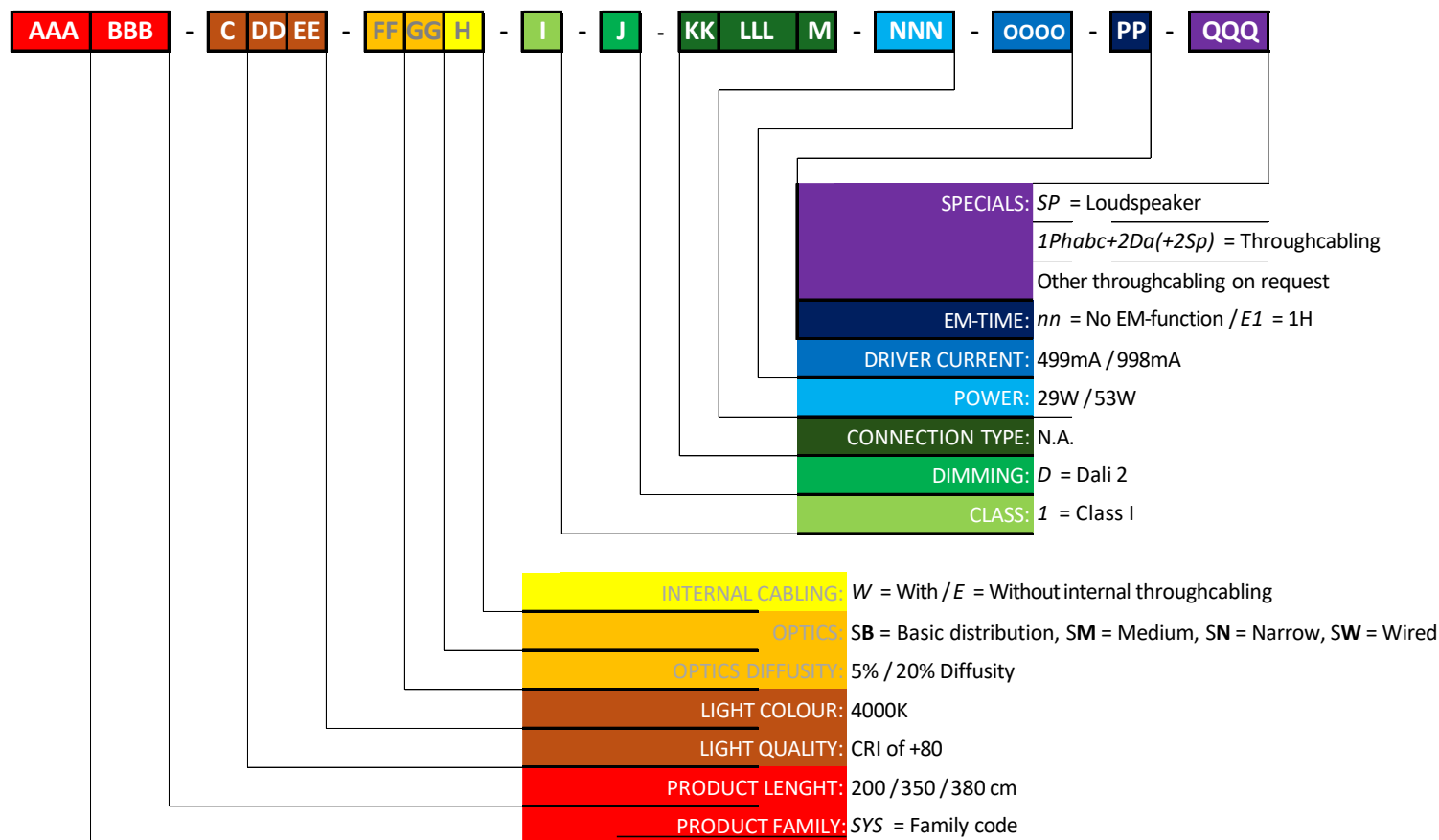
Light Distribution



Family code: SYS

NOMENCLATURE

Description and possibilities



Configurations

	Dimensions	Weight	Power	Lumen	Lumen/W
5% diffusivity					
<i>Basic distribution - no Speaker</i>					
SYS200-84068-05SBx-1-D-nnnnnn-029-0499-xx-1Phabc+1Da	2000 x 133 x 122	7 Kg	28,5 W	4026 lm	141,3 lm/W
SYS350-84068-05SBx-1-D-nnnnnn-053-0998-xx-1Phabc+1Da	3500 x 133 x 122	12,5 Kg	53,3 W	8052 lm	151,1 lm/W
<i>Basic distribution - with Speaker</i>					
SYS200-84068-05SBx-1-D-nnnnnn-029-0499-xx-1Phabc+1Da+2Sp	2000 x 133 x 122	7 Kg	28,5 W	4026 lm	141,3 lm/W
SYS230-84068-05SBx-1-D-nnnnnn-029-0499-xx-Sp-1Phabc+1Da+2Sp	2300 x 133 x 122	9 Kg	28,5 W	4026 lm	141,3 lm/W
SYS350-84068-05SBx-1-D-nnnnnn-053-0998-xx-1Phabc+1Da+2Sp	3500 x 133 x 122	12,5 Kg	53,3 W	8052 lm	151,1 lm/W
SYS380-84068-05SBx-1-D-nnnnnn-053-0998-xx-Sp-1Phabc+1Da+2Sp	3800 x 133 x 122	14,5 Kg	53,3 W	8052 lm	151,1 lm/W
20% diffusivity					
<i>Basic distribution - no Speaker</i>					
SYS200-84068-20SBx-1-D-nnnnnn-029-0499-xx-1Phabc+1Da	2000 x 133 x 122	7 Kg	28,5 W	4026 lm	125,5 lm/W
SYS350-84068-20SBx-1-D-nnnnnn-053-0998-xx-1Phabc+1Da	3500 x 133 x 122	12,5 Kg	53,3 W	8052 lm	134,2 lm/W
<i>Basic distribution - with Speaker</i>					
SYS200-84068-20SBx-1-D-nnnnnn-029-0499-xx-1Phabc+1Da+2Sp	2000 x 133 x 122	7 Kg	28,5 W	4026 lm	125,5 lm/W
SYS230-84068-20SBx-1-D-nnnnnn-029-0499-xx-Sp-1Phabc+1Da+2Sp	2300 x 133 x 122	9 Kg	28,5 W	4026 lm	125,5 lm/W
SYS350-84068-20SBx-1-D-nnnnnn-053-0998-xx-1Phabc+1Da+2Sp	3500 x 133 x 122	12,5 Kg	53,3 W	8052 lm	134,2 lm/W
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