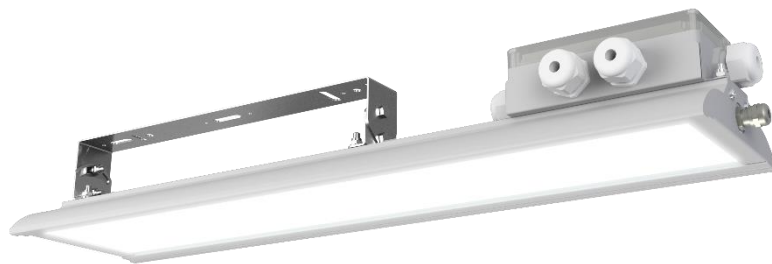


HYPER

EMERGENCY LIGHTING FIXTURE



The family of HYPER luminaires together with the special variant HT has been designed to implement emergency lighting with central power supply in the STAR® technology. The high degree of protection IP66 ensures excellent water resistance and dust resistance, which allows for use in garages, parking lots, industrial halls, and even in rooms where the luminaires will be exposed to high temperatures (up to +70°C) - HT model. They are characterized by very high light parameters, optimal light distribution angle and excellent color rendering. They have a programmable luminous flux in the range from 10% to 100% in emergency mode (programmed at the production stage), which means that they can be used as both emergency and backup lighting. The HYPER family luminaires are equipped with addressable ignition systems (up to 20 addresses on each end circuit) with the function of central monitoring and control via power cables. On each circuit, luminaires of different power and working in any operating modes can be installed: emergency, emergency-mains switched. Programming of the emergency mode is carried out through power cables from the level of the controller located in the power cabinet or the superior CGVision® visualization software, without the need for physical contact with the luminaire. In the network operation mode, HYPER luminaires can also be controlled with the DALI protocol (option) through an additional communication cable.

OPTIONS:



DS



4000K



RAL7035

EN

TECHNICAL PARAMETERS

Mounting: surface-mounted or suspended

Body: aluminium

LED: 3 elipsa MacAdama (SDCM 3)

Power Supply: AC: 220-240 VAC / 50 Hz

DC: 176-275 VDC

Luminaire power in emergency mode expressed as % of nominal power AC – Pex = 100%

Power factor (PF): 0,99

Harmonic distortion THD < 5%

Protection class: I

Color rendering index CRI (Ra): 85

Protection marking: IK08

Protection marking: IP66

Power cord used (between the box and the luminaire):

3x0.5mm² / 5x0,5mm², halogen-free (PN-EN 60754) and non-flammable (PN-EN 60332-1-2)

Connector tightness class: IP65

Ambient temperature:

od -25°C do +45°C

od -25°C do +70°C – HT

Ambient humidity: 20-80%

Lifetime (L70B10): 100 000 h

(L80B10): 50 000 h

Corrosivity category: C4

APPLICATION:




car parks, warehouses, industrial halls

The declared lifetime applies to fixtures operating at an ambient temperature of +45°C (STANDARD) to +70°C (HT) with ensured optimal ventilation conditions. Compliance with UGR <19 in the sense of PN-EN 12464-1: 2012 is required for a specific lighting project and depends on current lighting conditions.

PRODUCTS :



EAN	CODE	[W]/Pex	[K]		[°]	[lm]	
HYPER - Type: 680, S Module central network connection							
5904441708448	61001840-DS7-1020100	20/100%	4000	DS	110	3100	-
5904441712629	61001840-DS7-1030100	30/100%	4000	DS	110	4500	-
5904441712636	61001840-DS7-1040100	40/100%	4000	DS	110	6100	-
5904441712643	61001840-DS7-1055100	55/100%	4000	DS	110	8000	-
5904441712650	61001840-DS7-1070100	70/100%	4000	DS	110	10000	-
HYPER - Type: 1170, S Module central network connection							
5904441708653	61002840-DS7-1055100	55/100%	4000	DS	110	8500	-
5904441712773	61002840-DS7-1070100	70/100%	4000	DS	110	10800	-
5904441712780	61002840-DS7-1090100	90/100%	4000	DS	110	13300	-
5904441712797	61002840-DS7-1120100	120/100%	4000	DS	110	17200	-
HYPER - Type: 1660, S Module central network connection							
5904441712865	61003840-DS7-1090100	90/100%	4000	DS	110	14400	-
5904441712872	61003840-DS7-1120100	120/100%	4000	DS	110	18700	-
5904441712889	61003840-DS7-1150100	150/100%	4000	DS	110	23100	-
HYPER - Type: 1660 HT, S Module central network connection							
5904441711097	61004740-DS7-1090100	90/100%	4000	DS	110	13000	-
5904441711103	61004740-DS7-1120100	120/100%	4000	DS	110	16500	-
HYPER - Type: 680, SE Module central and local network connection							
5904441709322	61101840-DS7-1020100	20/100%	4000	DS	110	3100	-
5904441712667	61101840-DS7-1030100	30/100%	4000	DS	110	4500	-
5904441712674	61101840-DS7-1040100	40/100%	4000	DS	110	6100	-
5904441712711	61101840-DS7-1055100	55/100%	4000	DS	110	8000	-
5904441712728	61101840-DS7-1070100	70/100%	4000	DS	110	10000	-
HYPER - Type: 1170, SE Module central and local network connection							
5904441709537	61102840-DS7-1055100	55/100%	4000	DS	110	7900	-
5904441712803	61102840-DS7-1070100	70/100%	4000	DS	110	10800	-
5904441712810	61102840-DS7-1090100	90/100%	4000	DS	110	13300	-
5904441712827	61102840-DS7-1120100	120/100%	4000	DS	110	17200	-
HYPER - Type: 1660, SE Module central and local network connection							
5904441712896	61103840-DS7-1090100	90/100%	4000	DS	110	14400	-
5904441712902	61103840-DS7-1120100	120/100%	4000	DS	110	18700	-
5904441712919	61103840-DS7-1150100	150/100%	4000	DS	110	23100	-
HYPER - Type: 1660 HT, SE Module central and local network connection							
5904441711189	61104740-DS7-1090100	90/100%	4000	DS	110	13000	-
5904441711196	61104740-DS7-1120100	120/100%	4000	DS	110	16500	-
HYPER - Type: 680, SB DALI control							
5904441710205	61201840-DS7-1020100	20/100%	4000	DS	110	3100	-
5904441712735	61201840-DS7-1030100	30/100%	4000	DS	110	4500	-
5904441712742	61201840-DS7-1040100	40/100%	4000	DS	110	6100	-
5904441712759	61201840-DS7-1055100	55/100%	4000	DS	110	8000	-
5904441712766	61201840-DS7-1070100	70/100%	4000	DS	110	10000	-
HYPER - Type: 1170, SB DALI control							
5904441710410	61202840-DS7-1055100	55/100%	4000	DS	110	10800	-
5904441712834	61202840-DS7-1070100	70/100%	4000	DS	110	13300	-
5904441712841	61202840-DS7-1090100	90/100%	4000	DS	110	17200	-
5904441712858	61202840-DS7-1120100	120/100%	4000	DS	110	15600	-
HYPER - Type: 1660, SB DALI control							
5904441712926	61203840-DS7-1090100	90/100%	4000	DS	110	14400	-

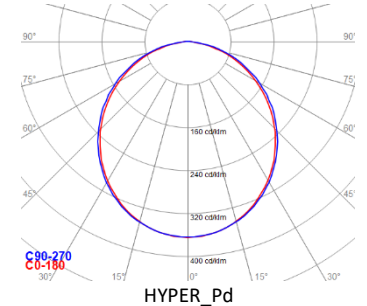
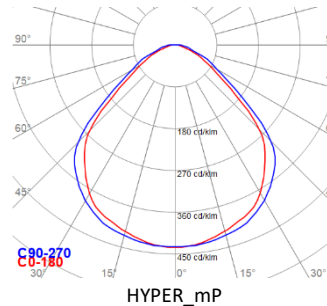
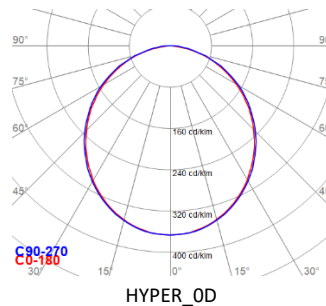
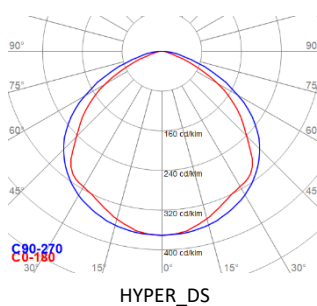
	CODE	P	Tc				DALI
5904441712933	61203840-DS7-1120100	120/100%	4000	DS	110	18700	-
5904441712940	61203840-DS7-1150100	150/100%	4000	DS	110	23100	-
HYPER - Type: 1660 HT, SB DALI control							
5904441711271	61204740-DS7-1090100	90/100%	4000	DS	110	13000	-
5904441711288	61204740-DS7-1120100	120/100%	4000	DS	110	16500	-

Total luminous flux of the luminaire measured diffuser +25°C. Luminous flux tolerance +/- 10%.
Photometric measurement were examined in accordance with the PN-EN13032 system.

HYPER LUMINAIRE CODING SYSTEM:

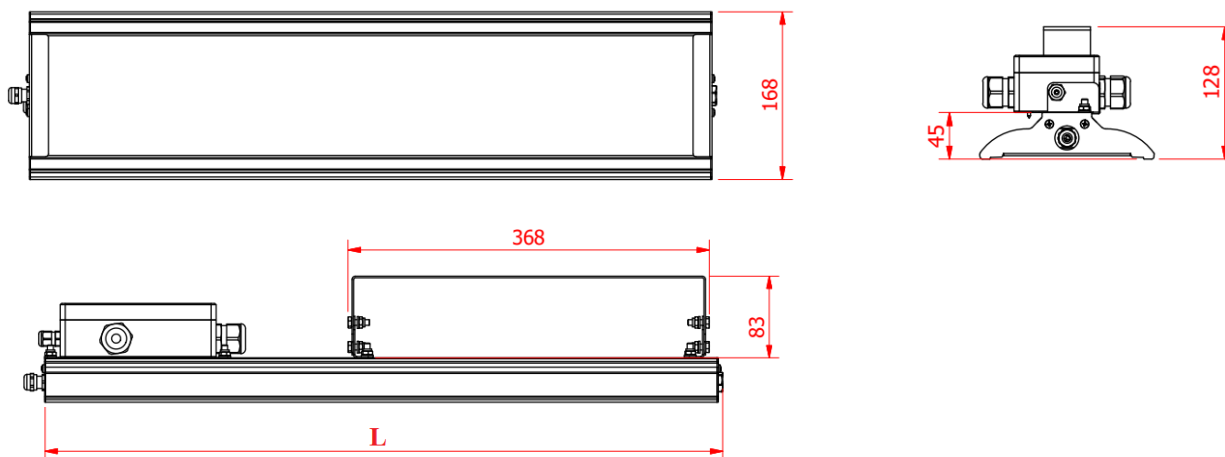
AAA	B	C	DDD	EE	F	G	HHH	III
MODEL	MOUNTING	DIMENSIONS	COLOR TEMP. + COLOUR RENDERING	COVER TYPE	LUMINAIRE COLOUR	IP	POWER [W]	POWER IN EMERGENCY MODE [%]
610 - HYPER S	0 – solo	1 – 680mm	740 – 740	mP – microprism	7 – grey	1 – IP66	005-070 (1-680mm)	010
611 - HYPER SE	B – pass-through	2 – 1170mm	...	OD – diffusion cover PMMA			005-120 (2-1170mm)	020
612 - HYPER SB	1 – solo, adjustable handle	3 – 1660mm	865 – 865	Pd – PolycarbonateDiffusion			005-150 (3-1660mm)	...
	C – pass-through, adjustable handle	4 – 1660mm HT		OS – tempered glass			005-120 (4-1660mm HT)	090
	X – solo, corrosivity category C4			DS – diffusive tempered glass				100
	W - pass-through, corrosivity category C4							
	Y – solo, adjustable handle, corrosivity category C4							
	V - pass-through, adjustable handle, corrosivity category C4							

PHOTOMETRY:



DIMENSIONS:






















NAME	L [mm]	W [mm]	H1 [mm]	[kg]
HYPER 680	712	168	128	3,4
HYPER 1170	1172	168	128	5,5
HYPER 1660	1662	168	128	7,5



Due to continuous product development, we reserve the right to introduce structural changes in the fixtures and to update their parameters.

Revision Date: 25.04.2023

LEGEND:

	Declaration of conformity		Protection class I		Power supply
	LED source		Weight		The RoHS Directive
	Mounting dimensions		IP protection marking		Product name
	Code		Cover		Luminaire power
	Light distribution angle		Dimensions		Color temperature
	Luminous flux		Luminous efficiency		DALI control system
	Luminaire color				Constant luminous flux technology
	Glare indicator				