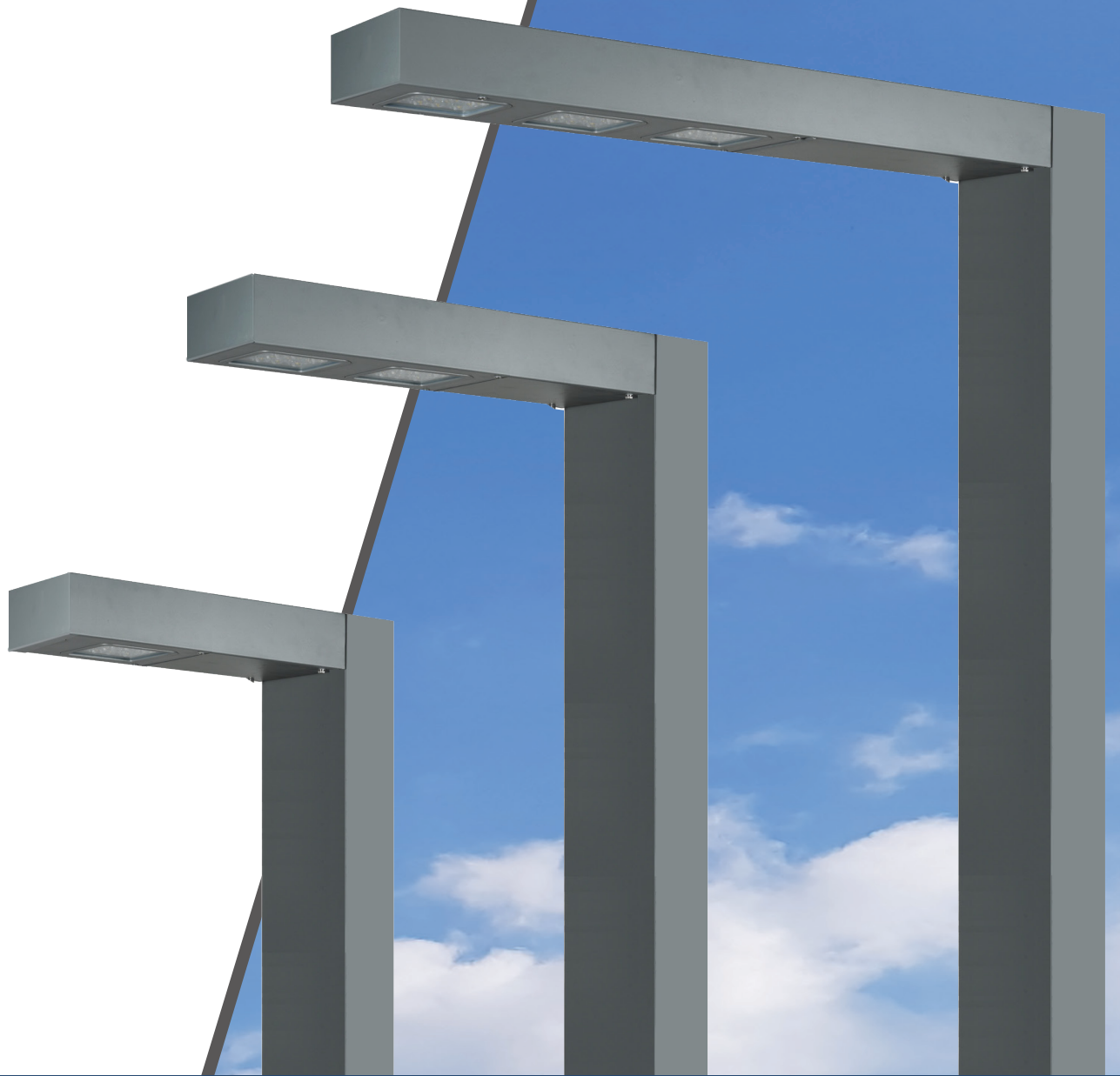




Ta
-30 +40°

IP
65

IK
08



NEPTUNE Lx

NEPTUNE LS/LM/LG

CHARACTERISTICS

decorative LED lighting luminaires combined lighting pole. unique form creates the choice solution for modern site lighting applications.

Housing and door made of anti corrosion resistant Formed welded aluminium. Stainless steel Locker enabled opening or closing luminaires door for maintenance. IP66 modular Optic compartment with intrgral heat sink, contain led module, high light transmittance tempered glass. removable tool less steel tray contain Led driver, integrated surge protector 10kV/10kA with or other on customer request. Silicon gasket and embedded vent caps guarantee ip65 for complete luminaire. Cable connection M20 cable gland with strain relief for cable 10 -14mm. powder coated Standart color sand RAL7022. any other colors on request



	LS (Small)	LM (MEDIUM)	LG (Large)
Installation height (m)	3 - 5m	4 - 7m	7 - 12m
LED	8 - 16	8 - 32	8 - 90
Lumen package range (*)	1,190 - 13,820	6,579 - 27,100	
Luminaire power consumption	10 to 35W	10 to 70W	10 to 165W
Body	welded formed aluminium		
Protector	Hight light transmission tempered glass		
LED	LUMILEDS LLC 5050		
Life time	>72,000h L80		
Colour temperature	3000K (Warm White) 4000K (Neutral) (2700K upon request)		
Colour rendering index (CRI)	>70 (Available with highest CRI upon request)		
Lenses	PMMA / Polycarbonate with UV stabilized component		
photometric options	Type II - Type 2A / M1 / R3 / P4) Type III Type IV - Type IV / M6 Type V		
Operating Ambient Temperature - Ta	-30° - 40°		
Optical compartment tightness level	IP66		
Control gear tightness level	IP65		
Impact resistance (glass)	IK08		
Nominal voltage	120 - 277V - 50 - 60Hz		
Electrical class	CLASS I		
Control System / photocell	Nema Socket / Zhaga Socket for control or photocell as option		
Mounting	Direct to pole via 4 screws		
dimensions (mm)	400X200X105	600X200X105	950X200X105
Weight (Kg)	4.3Kg	6.2Kg	8.7Kg
Colour	RAL7037 sanded Any other RAL or AKZO colour upon request		

(*) The nominal flux is an indicative flux @ tj 25°C based on LED manufacturer's data. The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire.

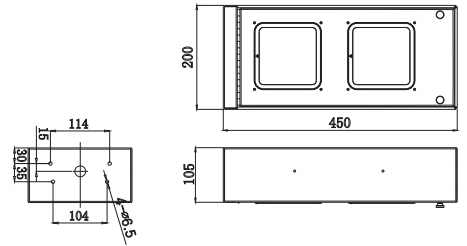
(**) according to IEC - EN 60598 – (***) according to IEC - EN 62262

NEPTUNE LS/LM/LG

DATASHEET

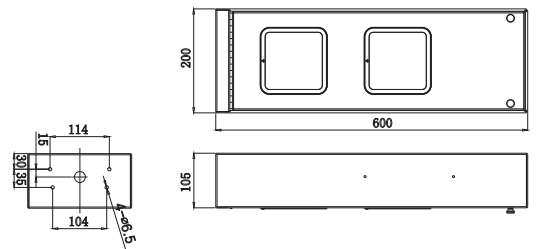
NEPTUNE LS (16 - 32)

LED Units	Power Consumpt* (W)	Driver Current (mA)	Nominal Initial Flux(lm)**		KG	ITEM NUM
			3000K	4000K		
16	19W	350mA	2,375	2,500	8.8	NPTS16-019W - C K K
	28W	530mA	3,480	3,680	8.8	NPTS16-028W - C K K
	37W	700mA	4,375	4,650	8.8	NPTS16-037W - C K K
32	34W	350mA	4,610	4,840	8.8	NPTS32-034W - C K K
	52W	530mA	6,750	7,080	8.8	NPTS32-052W - C K K
	70W	700mA	8,700	9,100	8.8	NPTS32-070W - C K K



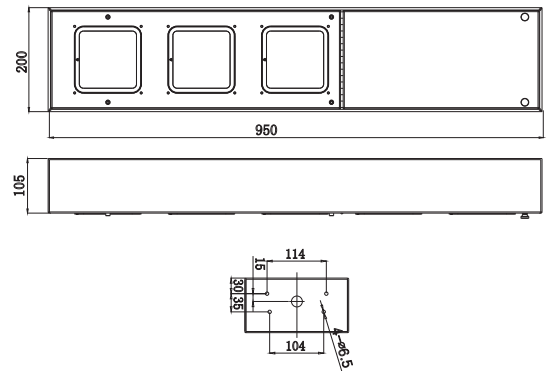
NEPTUNE LM (16 - 32)

LED Units	Power Consumpt* (W)	Driver Current (mA)	Nominal Initial Flux(lm)**		KG	ITEM NUM
			3000K	4000K		
16	19W	350mA	2,375	2,500	8.8	NPTS16-019W - C K K
	28W	530mA	3,480	3,680	8.8	NPTS16-028W - C K K
	37W	700mA	4,375	4,650	8.8	NPTS16-037W - C K K
32	34W	350mA	4,610	4,840	8.8	NPTS32-034W - C K K
	52W	530mA	6,750	7,080	8.8	NPTS32-052W - C K K
	70W	700mA	8,700	9,100	8.8	NPTS32-070W - C K K



NEPTUNE LG (48 - 80)

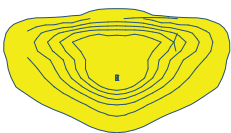
LED Units	Power Consumpt* (W)	Driver Current (mA)	Nominal Initial Flux(lm)**		KG	ITEM NUM
			3000K	4000K		
48	51W	350mA	7,130	7,465	16.3	NPTS48-051W - C K K
	78W	530mA	10,400	10,890	16.3	NPTS48-078W - C K K
	104W	700mA	13,200	13,820	16.3	NPTS48-104W - C K K
64	68W	350mA	9,450	9,895	16.3	NPTL64-068W - C K K
	103W	530mA	13,850	14,500	16.3	NPTL64-103W - C K K
	137W	700mA	17,250	18,060	16.3	NPTL64-137W - C K K
80	84W	350mA	11,780	12,350	16.3	NPTL80-084W - C K K
	128W	530mA	17,150	17,970	16.3	NPTL80-128W - C K K
	175W	700mA	21,400	22,650	16.3	NPTL80-175W - C K K



*Ambient temperature: 25°C power tolerance: +- 5%
 **Lumen tolerance: +- 7%

3000K = 3
 4000K = 4

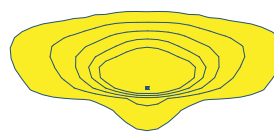
Photometry



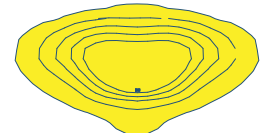
T2A



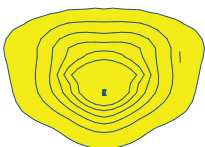
T2C



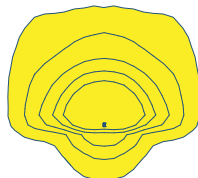
P4



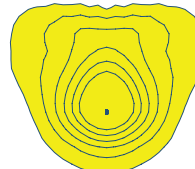
M1



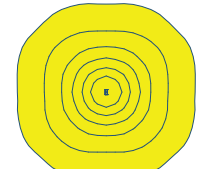
TYPE III



TYPE IV



M6



TYPE V