



Product Catalogue

LED PANEL

TROFFER

DOWNLIGHT

BATTEN

NON-CORROSIVE LUMINAIRE

CLEANROOM

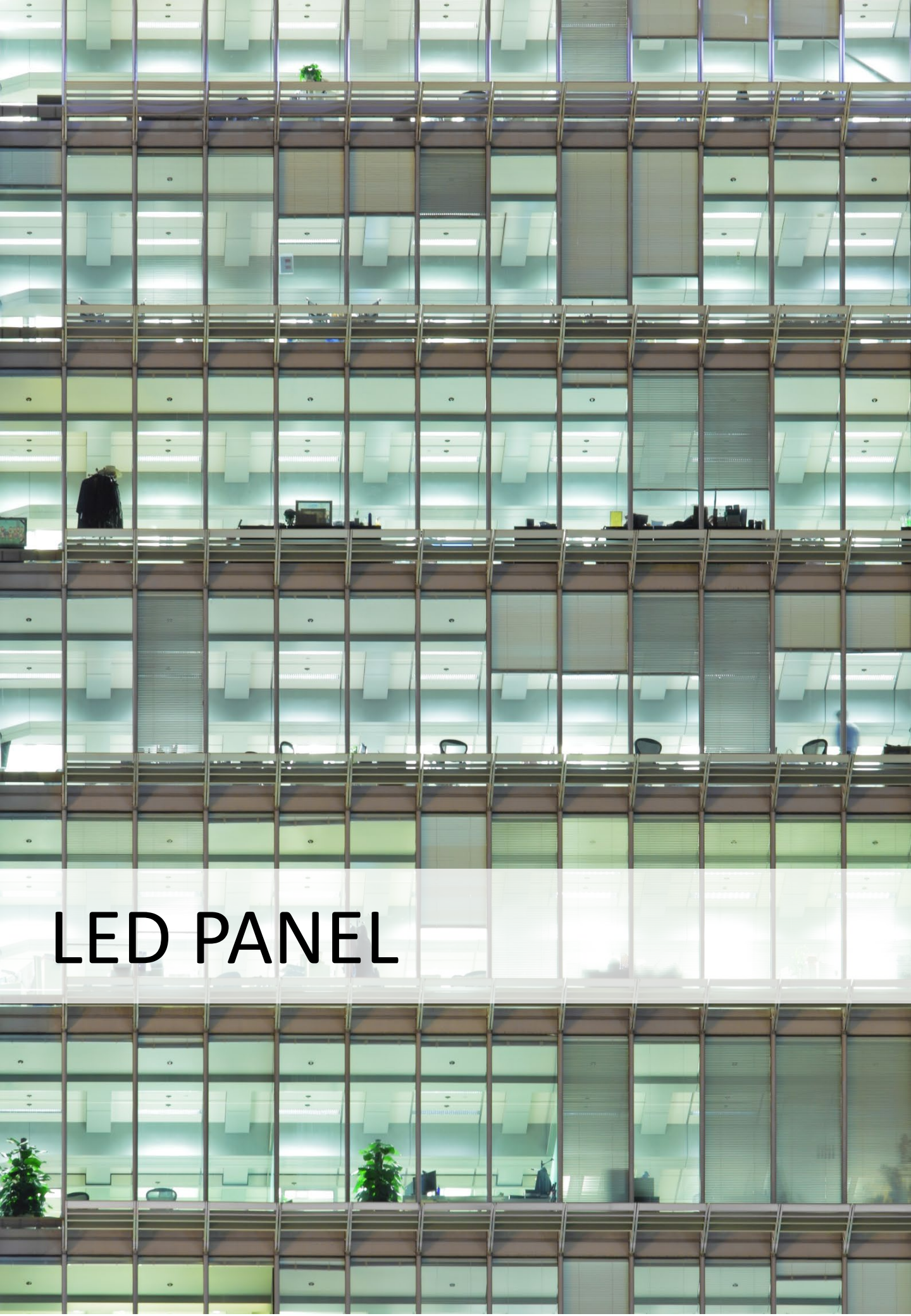
FLEXIBLE LED STRIP

LED HIGHBAY

LED AREA FLOODLIGHT

ROADLIGHT

ECONOVA



LED PANEL

LED Panel PSP2-TW Series

This uniquely designed panel light is a module design with an external driver, featuring PC louver reflectors to improve the UGR rating, offering the ideal combination of stylish design and optimum performance for both task and general lighting; The Module is replaceable and easy to install and maintain. Available in various installation ways: recessed, suspended and surface mounted, and can replace the traditional panel light



Application



Office



Industrial



Warehouse



Commercial



Healthcare

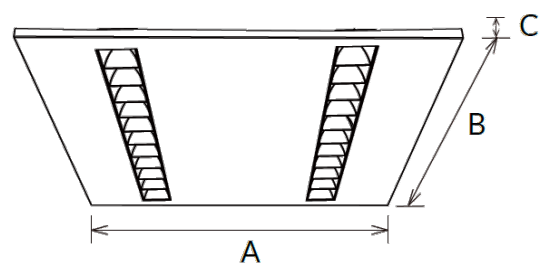


Hospitality

PSP2	
Wattage (W)	35
Lumen (lm) ±5%	3600
System Efficacy (lm/W)	>100
Rated input (V)	220-240
CRI/SDCM	80 / <6
CCT(K)	TUNABLE WHITE 3000K – 5700K
UGR Rating	19
Control Type	DALI
IP Rating / IK Rating	IP 40 / IK 08
Lifetime (hrs)	50,000
Mounting Method	Recessed / Suspended
Dimension (A*B*C)mm	595*595*15
Warranty	5-years

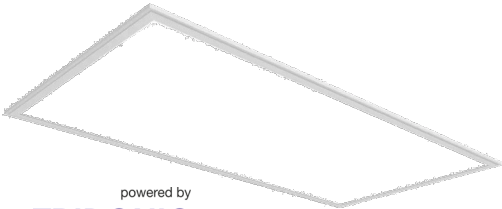
CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	DIMENSON (mm)
PSP2 –TW LED36B PSD W60L60 UGR19	35	3600	3000-5700	595*595*15

Dimension



LED Panel PSP2 B-Series

Direct-lit panel luminaires not only offer increased energy efficiency and glare control, but it also simple and flexible installation: Comes with a plug-in connector for the driver and a Flex and Plug. Suitable for T-rail ceiling installations. Surface mounted and suspended mounting are available as options.



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Application



Office



Industrial



Warehouse



Commercial



Healthcare

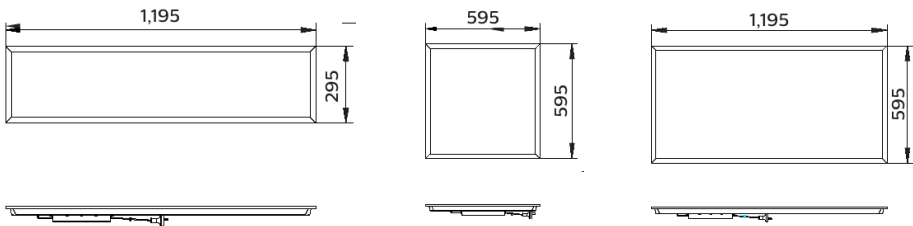


Hospitality

PSP2 B				
Wattage (W)	31W		56W	90W
Lumen (lm) ±5%	3800		7000	9950
System Efficacy (lm/W)	125lm/W		125lm/W	100lm/w
Rated input (V)	220-240V 50/60Hz			
CRI/SDCM	80 / 5			
CCT(K)	3000K 4000K 6500K			
UGR Rating	22			
Control Type	ON-OFF (DALI optional)			
IP Rating / IK Rating	IP20			
Lifetime (hrs)	50,000Hrs			
Mounting Method	Recessed / Surface / Pendant			
Dimension (A*B*C)mm	295 x 1195 x 33	595 x 595 x 33	595 x 1195 x 35	595 x 1195 x 140
Warranty	5-years			

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	CRI	UGR	DIMENSION (mm)
PSP2 B LED38 830 PSU W30L120	31	3800	3000	80	22	295x1195x33
PSP2 B LED38 840 PSU W30L120	31	3800	4000	80	22	295x1195x33
PSP2 B LED38 865 PSU W30L120	31	3800	6500	80	22	295x1195x33
PSP2 B LED38 830 PSU W60L60	31	3800	3000	80	22	595X595x33
PSP2 B LED38 840 PSU W60L60	31	3800	4000	80	22	595X595x33
PSP2 B LED38 865 PSU W60L60	31	3800	6500	80	22	595X595x33
PSP2 B LED70 830 PSU W60L120	56	7000	3000	80	22	595X1195x35
PSP2 B LED70 840 PSU W60L120	56	7000	4000	80	22	595X1195x35
PSP2 B LED70 865 PSU W60L120	56	7000	6500	80	22	595X1195x35
PSP2 B LED100 830 PSU W60L120	90	10200	3000	80	22	595X1195x140
PSP2 B LED100 840 PSU W60L120	90	10200	4000	80	22	595X1195x140
PSP2 B LED100 865 PSU W60L120	90	10200	6500	80	22	595X1195x140

Dimension



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Troffer

Diffused Recessed Troffer Luminaires PRTL Series

Diffused Panel Luminaire is a slim design for efficient light distribution with high efficacy suitable for general office and commercial areas.



Recommended with PHILIPS Master TLED (LED Tube)

Application

Office

Industrial

Warehouse

Commercial

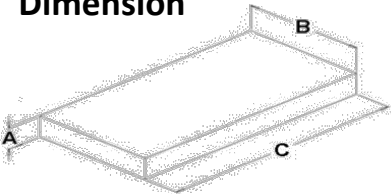
Healthcare

Hospitality

PRTL			
No of Lamp	2	3	4
Lamp holder	G13 Push-through lamp holders		
Type of Lamp	T8 LED Tube 600mm / 1200mm		
Reflector	High Quality Aluminium Mirror Reflector		
Diffuser	Opal diffuser		
Wire	HR 105°C		
Housing	Cold Steel Roll		
Mounting	Recessed/Surface		
IP rating	IP20		
Warranty	2-years		

CODE	LAMP WATTAGE (W)	NO OF LAMP	LAMP LUMEN (lm)	CCT (K)	INSTALLATION	DIMENSION (mm)
PRTL 0306 1/21 4000K	8	1	1050	4000	recessed	90 x 295 x 595
PRTL 0606 2/21 4000K	8	2	1050	4000	recessed	90 x 595 x 595
PRTL 0606 3/21 4000K	8	3	1050	4000	recessed	90 x 595 x 595
PRTL 0606 4/21 4000K	8	4	1050	4000	recessed	90 x 595 x 595
PRTL 0312 2/21 4000K	14	1	2100	4000	recessed	90 x 295 x 1195
PRTL 0612 2/21 4000K	14	2	2100	4000	recessed	90 x 595 x 1195
PRTL 0612 3/21 4000K	14	3	2100	4000	recessed	90 x 595 x 1195
PRTL 0612 4/21 4000K	14	4	2100	4000	recessed	90 x 595 x 1195
PRTL 0306 1/21 6500K	8	1	1050	6500	recessed	90 x 295 x 595
PRTL 0606 2/21 6500K	8	2	1050	6500	recessed	90 x 595 x 595
PRTL 0606 3/21 6500K	8	3	1050	6500	recessed	90 x 595 x 595
PRTL 0606 4/21 6500K	8	4	1050	6500	recessed	90 x 595 x 595
PRTL 0312 2/21 6500K	14	1	2100	6500	recessed	90 x 295 x 1195
PRTL 0612 2/21 6500K	14	2	2100	6500	recessed	90 x 595 x 1195
PRTL 0612 3/21 6500K	14	3	2100	6500	recessed	90 x 595 x 1195
PRTL 0612 4/21 6500K	14	4	2100	6500	recessed	90 x 595 x 1195

Dimension



Dimension subject to +/- 1.5mm



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Panel Troffer PMRM/PMSM series

Mirror Recessed/Surface Mounted T8 LED Tube ready suitable for general office, workplace, industrial workstations and many other applications. Versatile and easy installation for either recessed T-Bar ceiling or Surface mounting. With highly efficient aluminium mirror reflectors and glare control combination, delivering excellent value for money.



Application



Office



Industrial



Warehouse



Commercial



Healthcare

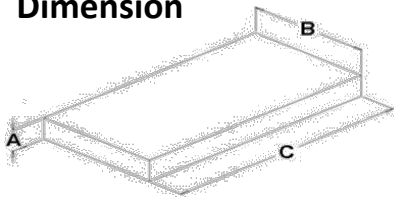


Hospitality

PMRM/PMSM			
No of Lamp	2	3	4
Lamp holder	G13 Push-through lamp holders		
Type of Lamp	T8 LED Tube 600mm / 1200mm		
Reflector	High Quality Aluminium Mirror Reflector		
Wire	HR 105°C		
Housing	Cold Steel Roll		
Mounting	Recessed/Surface		
IP rating	IP20		
Warranty	2-years		

CODE	LAMP WATTAGE (W)	NO OF LAMP	LAMP LUMEN (lm)	CCT (K)	INSTALLATION	DIMENSION (mm)
PMRM 12 – 21	8	2	1050	4000	recessed	90 x 295 x 595
PMRM 22 – 21	8	2	1050	4000	recessed	90 x 595 x 595
PMRM 22 – 31	8	3	1050	4000	recessed	90 x 595 x 595
PMRM 22 – 41	8	4	1050	4000	recessed	90 x 595 x 595
PMRM 14 – 22	14	2	2100	4000	recessed	90 x 295 x 1195
PMRM 24 – 22	14	2	2100	4000	recessed	90 x 595 x 1195
PMRM 24 – 32	14	3	2100	4000	recessed	90 x 595 x 1195
PMRM 24 – 42	14	4	2100	4000	recessed	90 x 595 x 1195
PMSM 12 – 21	8	2	1050	4000	surface	100 x 300 x 600
PMSM 22 – 21	8	2	1050	4000	surface	100 x 600 x 600
PMSM 22 – 31	8	3	1050	4000	surface	100 x 600 x 600
PMSM 22 – 41	8	4	1050	4000	surface	100 x 600 x 600
PMSM 14 – 22	14	2	2100	4000	surface	100 x 300 x 1200
PMSM 24 – 22	14	2	2100	4000	surface	100 x 600 x 1200
PMSM 24 – 32	14	3	2100	4000	surface	100 x 600 x 1200
PMSM 24 – 42	14	4	2100	4000	surface	100 x 600 x 1200

Dimension



Dimension subject to +/- 1.5mm



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Downlight

LED Recessed Downlight PDL Series

A highly efficient and sustainable LED downlight with recessed cut out of 100mm, 150mm or 200mm. Highly efficient thermal management from diecast aluminium. IP20 as standard rating. Fixed or dimmable driver optional. The colour temperature is 3000K/4000K/ with CRI >80. UGR19 according to EN12464. Luminaire luminous flux: 1000–3000 lm. Lifetime is 50,000 hours at L70.



Application

Office

Industrial

Warehouse

Commercial

Healthcare

Hospitality

PDL-R				
System Power	10.2W	10.2W	20.2W	29.8W
Lumen	1000lm	1000lm	2000lm	3000lm
CRI	>80			
System Efficacy	UP TO 110lm/W			
Housing Material	PC			
Input Voltage	220-240V 50/60Hz			
Beam Angle	60° / 90°			
Glare (UGR)	16/19 / 22			
CCT	3000K / 4000K			
SDCM	4			
Protection	IP20			
Driver	REMOTE ON-OFF (DALI OPTIONAL)			
Lifetime	50,000hrs L70B50			
Installation	Recessed			
Dimension (Cut-Out)	100mm	150mm	150mm/200mm	200mm
Warranty	5-YEARS			

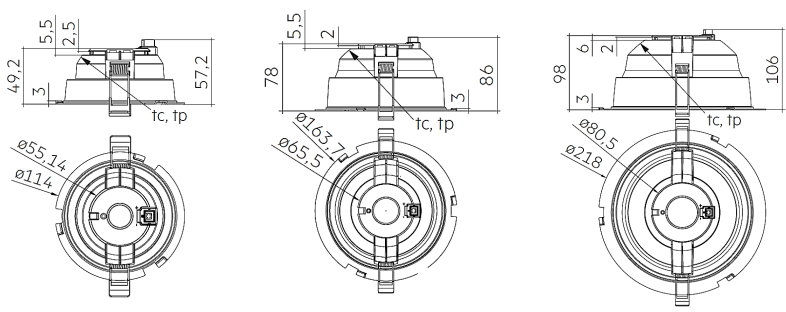
CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION (Cut-out) (mm)
PDL-R LED10 10W 3000K D100 NB	10.2 W	1,060 lm	3000	60°	100
PDL-R LED10 10W 4000K D100 NB	10.2 W	1,110 lm	4000	60°	100
PDL-R LED10 10W 3000K D100 WB	10.2 W	1,060 lm	3000	90°	100
PDL-R LED10 10W 4000K D100 WB	10.2 W	1,110 lm	4000	90°	100
PDL-R LED10 10W 3000K D150 NB	10.1 W	1,100 lm	3000	60°	150
PDL-R LED10 10W 4000K D150 NB	10.1 W	1,120 lm	4000	60°	150
PDL-R LED10 10W 3000K D150 WB	10.1 W	1,100 lm	3000	90°	150
PDL-R LED10 10W 4000K D150 WB	10.1 W	1,120 lm	4000	90°	150
PDL-R LED20 20W 3000K D150 NB	20.2 W	2,130 lm	3000	60°	150
PDL-R LED20 20W 4000K D150 NB	20.2 W	2,210 lm	4000	60°	150
PDL-R LED20 20W 3000K D150 WB	20.2 W	2,130 lm	3000	90°	150
PDL-R LED20 20W 4000K D150 WB	20.2 W	2,210 lm	4000	90°	150
PDL-R LED20 20W 3000K D200 NB	20.4 W	2,200 lm	3000	60°	200
PDL-R LED20 20W 4000K D200 NB	20.4 W	2,250 lm	4000	60°	200
PDL-R LED20 20W 3000K D200 WB	20.4 W	2,200 lm	3000	90°	200
PDL-R LED20 20W 4000K D200 WB	20.4 W	2,250 lm	4000	90°	200
PDL-R LED30 30W 3000K D200 NB	29.8 W	3,070 lm	3000	60°	200
PDL-R LED30 30W 4000K D200 NB	29.8 W	3,180 lm	4000	60°	200
PDL-R LED30 30W 3000K D200 WB	29.8 W	3,070 lm	3000	90°	200
PDL-R LED30 30W 4000K D200 WB	29.8 W	3,180 lm	4000	90°	200



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LED Recessed Downlight PDL Series

Dimension

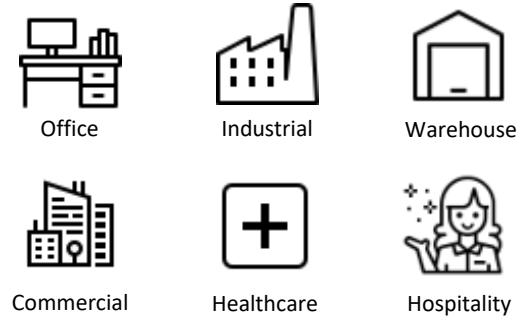


LED Surface Downlight PDL Series

Superior surface-mounted ceiling light with the latest COB-led chip with excellent light and good uniformity. It offers a wide choice of beam angles 24°/36°/45°/60° for optional. The Aluminium AL6063 profile provides excellent thermal dissipation. Isolated driver solution both in dimmable and non-dimmable versions to achieve optimum performance



Application

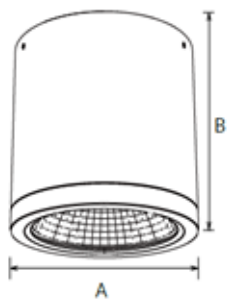


PDL-S				
System Power	10W	15W	25W	30W
Lumen	890lm	1500lm	3070lm	3500lm
CRI	>80			
System Efficacy	Up to 116lm/W			
Housing Material	Aluminium Die-casting			
Input Voltage	220-240V 50/60Hz			
Beam Angle	60°			
Glare (UGR)	N/A			
CCT	2700K / 3000K / 4000K / 5000K			
SDCM	<4			
Protection	IP54			
Driver	ON-OFF (DALI OPTIONAL)			
Lifetime	50,000Hrs			
Installation	Surface-Mounted			
Dimension	Ø90x100	Ø90x100	Ø120x110	Ø160x120
Warranty	5-YEARS			

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION (mm)
PDL-S LED8 10W 2700K D90 PSU IP54 S	10	890	2700	60°	Ø90x100
PDL-S LED8 10W 3000K D90 PSU IP54 S	10	890	3000	60°	Ø90x100
PDL-S LED8 10W 4000K D90 PSU IP54 S	10	890	4000	60°	Ø90x100
PDL-S LED8 10W 5000K D90 PSU IP54 S	10	890	5000	60°	Ø90x100
PDL-S LED16 15W 2700K D90 PSU IP54 S	15	1240	2700	60°	Ø90x100
PDL-S LED16 15W 3000K D90 PSU IP54 S	15	1360	3000	60°	Ø90x100
PDL-S LED16 15W 4000K D90 PSU IP54 S	15	1470	4000	60°	Ø90x100
PDL-S LED16 15W 5000K D90 PSU IP54 S	15	1470	5000	60°	Ø90x100
PDL-S LED30 25W 2700K D120 PSU IP54 S	25	3070	2700	60°	Ø120x110
PDL-S LED30 25W 3000K D120 PSU IP54 S	25	3070	3000	60°	Ø120x110
PDL-S LED30 25W 4000K D120 PSU IP54 S	25	3070	4000	60°	Ø120x110
PDL-S LED30 25W 5000K D120 PSU IP54 S	25	3070	5000	60°	Ø120x110
PDL-S LED35 30W 2700K D160 PSU IP54 S	30	3500	2700	60°	Ø160x120
PDL-S LED35 30W 3000K D160 PSU IP54 S	30	3500	3000	60°	Ø160x120
PDL-S LED35 30W 4000K D160 PSU IP54 S	30	3500	4000	60°	Ø160x120
PDL-S LED35 30W 5000K D160 PSU IP54 S	30	3500	5000	60°	Ø160x120

LED Surface Downlight PDL Series

Dimension A x B (mm)



10W	15W	25W	30W
Ø90x100	Ø90x100	Ø120x110	Ø160x120

Note:

Housing with Black RAL9005 is optional. Code (BK) to be added
Ordering Example: PDL-S LED35 30W 3000K D160 PSU IP54 (BK) S

All models option with emergency power pack by adding “EL” to the model description.
Example: PDL-S LED35 30W 3000K D160 PSU IP54 S EL

LED Compact Surface Downlight PDLc IP20 Series

Luminax Compact Surface Downlight offers a compact solution with excellent power efficiency. With a Die-cast aluminum body and heat sink, the PDLc allows for optimal heat dissipation. With a Power factor of 0.95 and a dimmable option for the PDLc, it is an excellent choice for various environments.



Application



Office



Industrial



Warehouse



Commercial



Healthcare



Hospitality

PDLc				
System Power	15W	20W	25W	30W
Lumen	1500lm	2000lm	2500lm	3000lm
CRI	>80			
System Efficacy	100lm/W			
Housing Material	Aluminium Die-casting			
Input Voltage	220-240V 50/60Hz			
Beam Angle	120°			
Power Factor	0.95			
CCT	3000K / 4000K / 5700K			
Driver	ON-OFF (DALI OPTIONAL)			
Lifetime	50,000Hrs			
Protection	IP 20			
Installation	Surface-Mounted			
Dimension	Ø100x65	Ø120x70	Ø150x80	Ø170x90
Warranty	5-YEARS			

CODE	Wattage	Lumen	CCT	IP	CRI
PDLc LED15 15W 3000K 120D PSU IP20	15	1500	3000	20	>80
PDLc LED15 15W 4000K 120D PSU IP20	15	1500	4000	20	>80
PDLc LED15 15W 5700K 120D PSU IP20	15	1500	5700	20	>80
PDLc LED20 20W 3000K 120D PSU IP20	20	2000	3000	20	>80
PDLc LED20 20W 4000K 120D PSU IP20	20	2000	4000	20	>80
PDLc LED20 20W 5700K 120D PSU IP20	20	2000	5700	20	>80
PDLc LED25 25W 3000K 120D PSU IP20	25	2500	3000	20	>80
PDLc LED25 25W 4000K 120D PSU IP20	25	2500	4000	20	>80
PDLc LED25 25W 5700K 120D PSU IP20	25	2500	5700	20	>80
PDLc LED30 30W 3000K 120D PSU IP20	30	3000	3000	20	>80
PDLc LED30 30W 4000K 120D PSU IP20	30	3000	4000	20	>80
PDLc LED30 30W 5700K 120D PSU IP20	30	3000	5700	20	>80

LED Compact Surface Downlight PDLc IP65 Series

Luminax Compact Surface Downlight offers a compact solution with excellent power efficiency. With a Die-cast aluminum body and heat sink, the PDLc allows for optimal heat dissipation. With a Power factor of 0.95 and a dimmable option for the PDLc, it is an excellent choice for various environments.



Application



Office



Industrial



Warehouse



Commercial



Healthcare



Hospitality

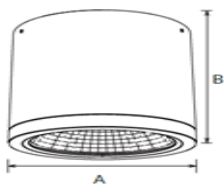
PDLc				
System Power	24W	27W	34W	41W
Lumen	3350/3450lm	3800/3910lm	4630/4800lm	5485/5600lm
CRI	>80			
System Efficacy	<170	<158	<164	<156
Housing Material	Die-cast aluminium heat sink			
Input Voltage	220-240V			
Beam Angle	60°			
Power Factor	0.95			
CCT	3000K / 4000K			
Driver	Optional: Dimmable available			
Lifetime	50,000 hours			
Protection	IP 65			
Installation	Surface-Mounted			
Dimension	Ø115 x 152		Ø140x162	
Warranty	3 year			

CODE	Wattage	Lumen	CCT	CRI	Dimension
PDLc LED33 24W 3000K 60D PSU IP65	24	3350	3000	>80	Ø115 x 152
PDLc LED34 24W 4000K 60D PSU IP65	24	3450	4000	>80	Ø115 x 152
PDLc LED38 27W 3000K 60D PSU IP65	27	3800	3000	>80	Ø115 x 152
PDLc LED39 27W 4000K 60D PSU IP65	27	3910	4000	>80	Ø115 x 152
PDLc LED46 34W 3000K 60D PSU IP65	34	4630	3000	>80	Ø115 x 152
PDLc LED48 34W 4000K 60D PSU IP65	34	4880	4000	>80	Ø115 x 152
PDLc LED54 41W 3000K 60D PSU IP65	41	5480	3000	>80	Ø140x162
PDLc LED56 41W 4000K 60D PSU IP65	41	5600	4000	>80	Ø140x162

5700K CCT can be provided upon request.

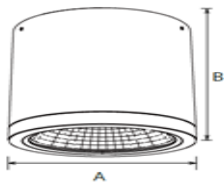
LED Surface Downlight PDL Series

Dimension A x B (mm)



IP20

15W	20W	25W	30W
Ø100 x 65	Ø120 x 70	Ø150 x 80	Ø120x90



IP65

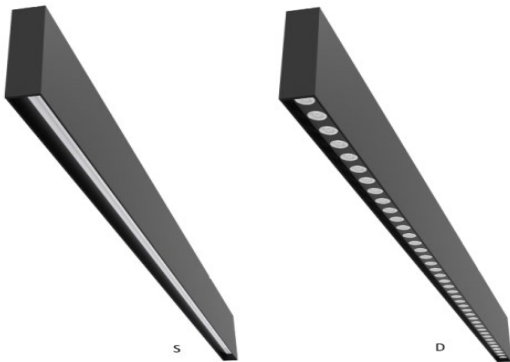
24W	27W	34W	41W
Ø115 x 152	Ø115 x 152	Ø115 x 152	Ø140x162



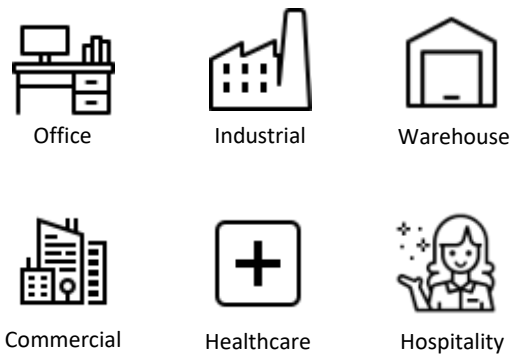
Linear Light

Office Linear light POL Series

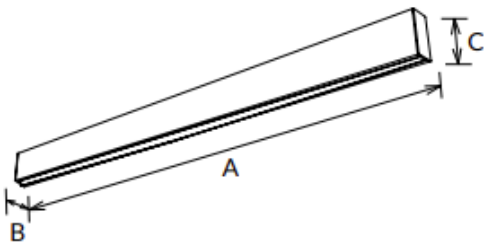
An office linear light POL constructed of durable and attractive aluminum. With AL6063 aluminum, it provide great thermal management to the lighting ensuring optimal operating temperature. The POL series designed to add great appeal to work spaces, dramatically improving the light levels of the area. It adopts high lumen light source with different module DIY options and a up & down lighting distribution design



Application



Dimension



POL					
Model	S			D	
Wattage (W)	18	38	50	38	50
Luminous Flux	1950	4700	4700	4700	6100
Input Voltage	AC 200-240V				
Beam angle	Down 80º			Down 36º	
IP Rating	20				
CRI	80				
CCT	3000K / 4000K / 5000K				
Control type	DALI Control				
Lifetime (hr)	50,000				
Installation	Surface mount/Pendant/Wall mount				
Dimensions	605X105X34mm	1205X105X34mm	1505X105X34mm	1205X105X34mm	1505X105X34mm

Office Linear light POL Series

CODE	WATTAGE (W)	Lumen (lm)	CCT (K)	CRI	DIMENSION (mm)
POLS LED19 18W 600 830	18	1950	3000	80	605X105X34mm
POLS LED19 18W 600 840	18	1950	4000	80	605X105X34mm
POLS LED19 18W 600 850	18	1950	5000	80	605X105X34mm
POLS LED38 38W 1200 830	38	4700	3000	80	1205X105X34mm
POLS LED38 38W 1200 840	38	4700	4000	80	1205X105X34mm
POLS LED38 38W 1200 850	38	4700	5000	80	1205X105X34mm
POLS LED38 50W 1500 830	50	4700	3000	80	1505X105X34mm
POLS LED38 50W 1500 840	50	4700	4000	80	1505X105X34mm
POLS LED38 50W 1500 850	50	4700	5000	80	1505X105X34mm
POLD LED47 38W 1200 830	38	4700	3000	80	1205X105X34mm
POLD LED47 38W 1200 840	38	4700	4000	80	1205X105X34mm
POLD LED47 38W 1200 850	38	4700	5000	80	1205X105X34mm
POLD LED61 50W 1500 830	50	6100	3000	80	1505X105X34mm
POLD LED61 50W 1500 840	50	6100	4000	80	1505X105X34mm
POLD LED61 50W 1500 850	50	6100	5000	80	1505X105X34mm

Control Options

Example Code	Control Type
POLS LEDXX XXW XXXX XXX STD	On-Off
POLS LEDXX XXW XXXX XXX DA	DALI
POLS LEDXX XXW XXXX XXX DAW	DALI Wireless



Pendent Light

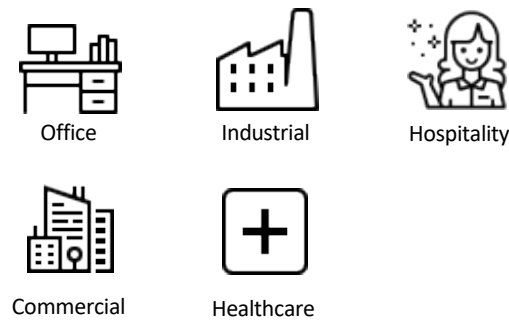
Suspended Pendant PPCS Series

The hollow shape design of the Luminax Suspended Pendant brings vitality into ordinary lamp body and shows faultless performance, provides a strong sense of space. The smooth and modernistic design bring in a dramatic atmosphere that reveals an comfortable way of visual experiences. The circular light output offers a magic 3D effect.



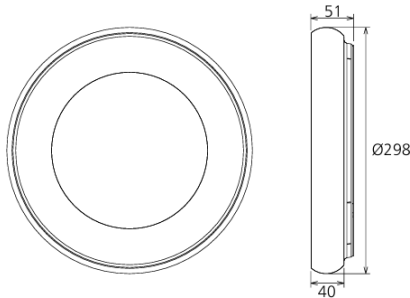
PPCS	
System Power (W)	25
Lumen (lm)	1760-2000
CRI	≥80
Input Voltage	AC100-277V / AC230V
Beam Angle	120°
Power Factor	≥0.9
CCT	3000K / 4000K / 5000K / 5700K
Protection	IP40
Driver	ON-OFF/ Dim
Lifetime	40,000Hrs
Installation	Surface-Mounted / Suspended
Dimension	Ø298*51mm
Warranty	5-YEARS

Application



CODE	LAMP WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	Voltage	CRI	DIMMABLE	DIMENSION (mm)
PPCS LED18 25W 830 120D IP40	25	1850	3000	AC100-277V	≥80	no	Ø298*51mm
PPCS LED20 25W 840 120D IP40	25	2000	4000	AC100-277V	≥80	no	Ø298*51mm
PPCS LED19 25W 850 120D IP40	25	1950	5000	AC100-277V	≥80	no	Ø298*51mm
PPCS LED19 25W 857 120D IP40	25	1990	5700	AC100-277V	≥80	no	Ø298*51mm
PPCS-D LED17 25W 830 120D IP40	25	1760	3000	AC230V	≥80	Yes	Ø298*51mm
PPCS-D LED19 25W 840 120D IP40	25	1900	4000	AC230V	≥80	Yes	Ø298*51mm
PPCS-D LED18 25W 850 120D IP40	25	1860	5000	AC230V	≥80	Yes	Ø298*51mm
PPCS-D LED19 25W 857 120D IP40	25	1900	5700	AC230V	≥80	Yes	Ø298*51mm

Dimension

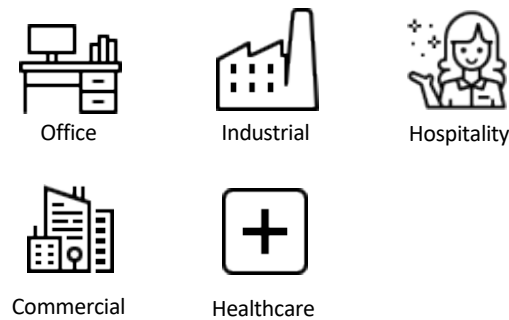


Suspended Pendant PPCS 2 Series

Adopting a high-lumen SMD LED light source and a low-glare design, the XXXX provides a large lighting area that is designed to provide a softer and uniform light output that is easier on the eyes. With an AL6063 aluminum housing, it provides excellent thermal management.



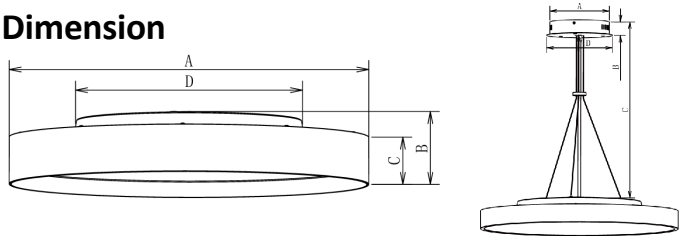
Application



PPCS 2		
System Power (W)	40	60
Lumen (lm)	4000	6700
CRI	≥80	
Input Voltage	220-240 Vac	
Beam Angle	85°	
Power Factor	≥0.9	
CCT	1 CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K + 4000K + 5700K	
Protection	IP40	
Driver	ON-OFF/ DALI	
Lifetime	50,000Hrs	
Installation	Surface-Mounted / Suspended	
Dimension	Ø400*102	Ø600*110
Warranty	5-YEARS	

CODE	LAMP WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	CRI	DIMMABLE	DIMENSION A*B*C*D (mm)
PPCS2 LED40 830 D85 IP40	40	4000	3000	80	On-Off	400*102*71*219
PPCS2 LED40 840 D85 IP40	40	4000	4000	80	On-Off	400*102*71*219
PPCS2 LED40 857 D85 IP40	40	4000	5700	80	On-Off	400*102*71*219
PPCS2 LED67 830 D85 IP40	60	6700	3000	80	On-Off	600*110*79*383
PPCS2 LED67 840 D85 IP40	60	6700	4000	80	On-Off	600*110*79*383
PPCS2 LED67 857 D85 IP40	60	6700	5700	80	On-Off	600*110*79*383

Dimension



Example Code	Suspension accessories	DIMENSION A*B*C*D (mm)
PPCS2 LEDXX XXX XX IPXX S	Suspension accessories	180*41*800*200



BATTEN

Bare-channel Batten Luminaire PBBL Series

The PBBL Series LED based battens are lightweight, low-profile and easy to install. They're energy-efficient too, providing the perfect solution for virtually any commercial and industrial environment. The PBBL range comes in the usual T8 models. The high-quality electronics and lamps from Philips ensure superior performance and extended lamp life. The PBBL battens can be adapted to a variety of environments.

Pascal PBBL Luminaire is compliant and certified to Malaysia Suruhanjaya Tenaga (Energy Commission) for double-capped lamp type.



Application



PBBL		
Type of Lamp	LED Lamp	
No of Lamps	1	2
Lamp Holder	High-quality G13 push-through lamp holders	
Ballast/LED Driver	High efficiency electronic ballast/On-board LED Drive	
Operating Voltage	220-240Vac 50/60Hz	
Lamp Starting Time	0.5 seconds, Instant On/Off	
Power Factor	>0.9	
Energy Efficiency Label	A+	
Operating Temperature	-20°C to +45°C	
Material	Steel with gloss white polyester powder coat finishing	
Color Rendering Index (CRI)	≥83	
Lamp CCT	3000K/4000K/6500K	
Colour Consistency	<6	
Lamp Flux / Watts	2100 lumens at 14W (LED)	
System Flux / Watts (2 Tubes)	CE Mark	
Certification / Compliance	MS IEC 62031:2011 with MS	
	IEC 60061-1:2005 IEC 62031:2008+A1	A2 with IEC 60061-1:2005

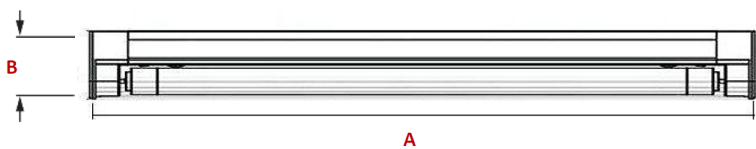
CODE	WATTAGE (W)	TOTAL LAMP POWER (W)	Lumen	TYPE OF LEMP	NUMBER OF LIGHT	CCT (K)	DIMENSION (mm)
PBBL 1200-1-LED/21-3000K	14	14	2100	LED	1	3000	A1169xB64
PBBL 1200-1-LED/21-4000K	14	14	2100	LED	1	4000	A1169xB64
PBBL 1200-1-LED/21-6500K	14	14	2100	LED	1	6500	A1169xB64
PBBL 1200-2-LED/21-3000K	14	28	2100	LED	2	3000	A1169xB64
PBBL 1200-2-LED/21-4000K	14	28	2100	LED	2	4000	A1169xB64
PBBL 1200-2-LED/21-6500K	14	28	2100	LED	2	6500	A1169xB64



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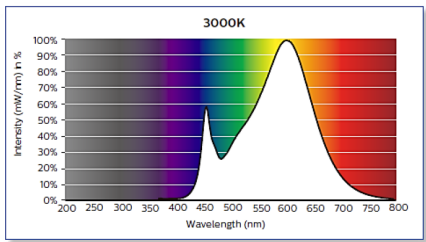
Bare-channel Batten Luminaire PBBL Series

Dimension

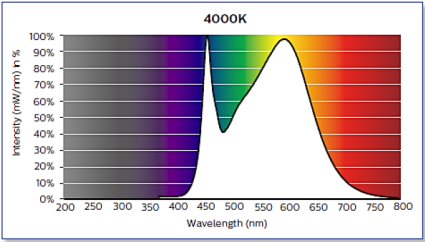


Notes;
Add suffix -MR for Metal Reflector or -AR for aluminium reflector
Add suffix – AL for aluminium material
Emergency battery back-up option available, please consult sales

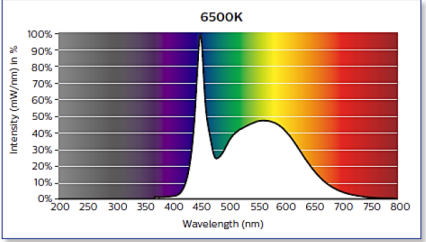
Colour Temperature & product code



PBBL-1200-1-LED/21-3000K



PBBL-1200-1-LED/21-4000K



PBBL-1200-1-LED/21-6500K

LED Batten Luminaire PBBL 2 Series

Linear batten luminaire is designed as a direct replacement for conventional fluorescent T8 tubes. This luminaire can be easily mounted directly to the ceiling, walls or suspended by chains or conduits. PBBL2 offers the best optimum lighting levels with switchable output power and colour temperatures to suit all applications. Ease of maintenance with torsion spring removable cover design. Best saving with efficient energy level.



Application


Office


Transportation


Warehouse


Industrial


Commercial


Healthcare

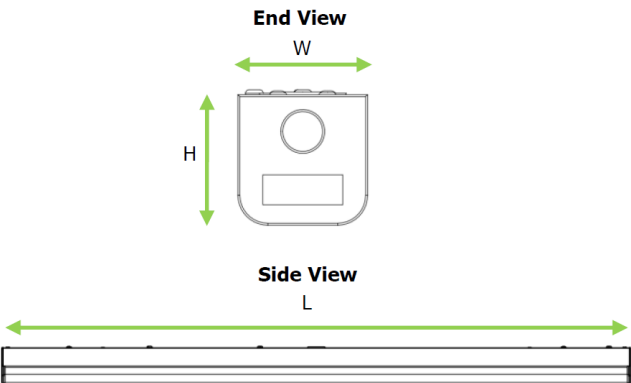

Hospitality


Outdoor
Parking Lot

PBBL2		
System Power	10W/20W	20W/40W
Lumen	1300lm/2620lm	2700lm/5250lm
CRI	>80	
System Efficacy	> 130lm/W	
Housing Material	Formed In White Powder Coated Steel	
Diffuser	Polycarbonate Frosted Diffuser, PC	
Input Voltage	220-240V 50/60Hz	
CCT	3000K / 4000K 5700K (Selectable)	
SDCM	4	
Protection	IP20	
Driver	Dual wattage	
Lifetime	50,000Hrs	
Installation	Surface-Mounted / Pendant	
Dimension	L590 x W65 x H65	L1150 x W65 x H65
Warranty	3-years	

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	DIMENSION (mm)
PBBL2 10/20W 3CCT/L600	10/20	1300/2620	3000K / 4000K / 5700K	L590 x W65 x H65
PBBL2 20/40W 3CCT/L1200	20/40	2700/5250	3000K / 4000K / 5700K	L1150 x W65 x H65

Dimension



Diffused Batten Luminaire PDBL Series

This diffused batten with either single or twin T8 LEDtube wide batten light features a powder-coated batten body with durable diffuser material. The end cap is formed in white power-coated ABS and UV resistant. Even distribution of light and high light output suitable for direct mount to ceiling, walls or suspended by chain or conduit. Robust and versatile. LEDtube batten with optimum light output and energy efficiency includes 2 x T8 LED Tube 4000K/6500K tube



Application



Office



Transportation



Warehouse



Industrial



Commercial



Healthcare



Hospitality



Outdoor
Parking Lot

PDBL				
No. of Lamp	1		2	
Lamp Holder	High Quality Polycarbonate G13 500V			
Type of Lamp	T8 LED Tube			
Housing/End Cap	Formed in White Powder Coated Steel			
Diffuser End Cap	Plastic ABS + UV White color			
Diffuser	Y21 Fine Rib Acrylic Diffuser			
IP Rating	IP20			
Dimension	617x72x9 2	617x131x9 2	1227x72x9 2	1227x131x 92
Warranty	2-YEARS			

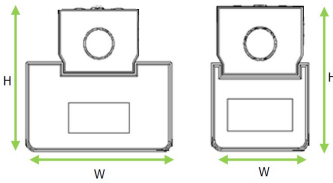
CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	DIMENSION (mm)
PDBL 0600-1-LED/10-3000K	8	1050	3000	617 x 72 x 92
PDBL 0600-1-LED/10-4000K	8	1050	4000	617 x 72 x 92
PDBL 0600-1-LED/10-6500K	8	1050	6500	617 x 72 x 92
PDBL 0600-2-LED/10-3000K	14	2100	3000	617 x 72 x 92
PDBL 0600-2-LED/10-4000K	14	2100	4000	617 x 72 x 92
PDBL 0600-2-LED/10-6500K	14	2100	6500	617 x 72 x 92
PDBL 1200-1-LED/21-*3000K	14	2100	3000	1227 x 72 x 92
PDBL 1200-1-LED/21-*4000K	14	2100	4000	1227 x 72 x 92
PDBL 1200-1-LED/21-*6500K	14	2100	6500	1227 x 72 x 92
PDBL 1200-2-LED/21-*3000K	28	4200	3000	1227 x 72 x 92
PDBL 1200-2-LED/21-*4000K	28	4200	4000	1227 x 72 x 92
PDBL 1200-2-LED/21-*6500K	28	4200	6500	1227 x 72 x 92
PDBL 1200-1-LED/25-*3000K	14.7	2500	3000	1227 x 72 x 92
PDBL 1200-1-LED/25-*4000K	14.7	2500	4000	1227 x 72 x 92
PDBL 1200-1-LED/25-*6500K	14.7	2500	6500	1227 x 72 x 92
PDBL 1200-2-LED/25-*3000K	29.4	5000	3000	1227 x 72 x 92
PDBL 1200-2-LED/25-*4000K	29.4	5000	4000	1227 x 72 x 92
PDBL 1200-2-LED/25-*6500K	29.4	5000	6500	1227 x 72 x 92



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Diffused Batten Luminaire PDBL Series

Dimension



Twin Tube Single Tube



Non- Corrosive Luminaire

Non-Corrosive Luminaire PNC Series

Luminax LED based non-corrosive Luminaire is designed to be enclosed and gasketed, making it ideal solution for most lighting and is suitable for all types of outdoor, commercial and industrial applications, such as car parks and factories, or any other harsh environments. Poured-in-place silicone rubber gasket ensure the IP66 integrity. Luminaire gears is easily reached via hinge polycarbonate lens with quick release clips with safety inserts for easy opening and access, providing absolute safety during maintenance. Wiring is conveniently done with terminal block connection.



Recommended with PHILIPS Master TLED (LED Tube)

Application



Cleanroom



Industrial



Hospitality



Commercial

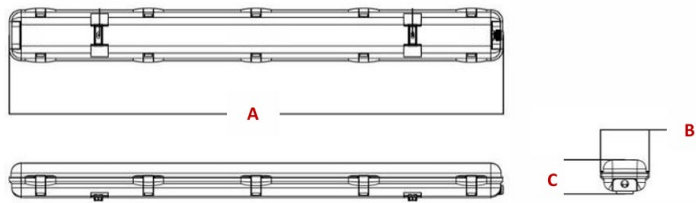


Healthcare

PNC			
Wattage (W)	14		28
Luminous Flux	2100		4200
Luminaire Type	Non-Corrosive Luminaire		
Type of Lamp	LED		
No of Lamp	1	2	1 2
Lamp Holder	High quality G13 push-through lamp holders		
Ballast/LED Driver	High efficiency electronic ballast/On-board LED Driver		
Operating Voltage	220-240V ac 50/60Hz		
Lamp Starting Time	0.5 sec, Instant on/Off		
Power Factor	>0.9		
Energy Efficiency Label	A+		
Operating Temperature	-20°C to +45°C		
IP Rating	IP65		
CRI	83		
CCT	6500K		
Colour Consistency	<6		
Certification	CE Mark		
Compliance	RoHS Compliance, MS IEC 60529, IEC 62776:2014		

CODE	WATTAGE (W)	Number of Lamp	CCT (K)	Luminaire Type	DIMENSION (mm)
PNC 0600 1 LED	8	1	6500	LED	655L*95W*108H
PNC 0600 2 LED	14	2	6500	LED	655L*145W*108H
PNC 1200 1 LED	14	1	6500	LED	1260L*95W*108H
PNC 1200 2 LED	28	2	6500	LED	1260L*145W*108H

Dimension



Non-Corrosive Luminaire PNC 2 Series

An LED Batten with waterproof, dustproof, and corrosion-resistant functions, the Luminex Non-Corrosive luminaire PNC 2 was designed to ensure versatility across multiple environments. It is designed to be aerodynamically durable, energy efficient, and durable (IK08 & IP65), making it an ideal replacement for traditional fluorescent battens in areas with specific needs.



Application


Cleanroom


Industrial


Hospitality


Commercial


Healthcare

PNC 2			
Wattage (W)	18	33	46
Luminous Flux	1800-2100	3500-4000	5500-6000
Input Voltage	AC 220-240V		
Lamp Type	LED		
Beam angle	120		
Operating Temperature	-20°C~45°C		
IP Rating	IP65/IK08		
CRI	80		
CCT	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K		
SDCM	<6		
Lifetime (hr)	50,000		

CODE	WATTAGE (W)	Lumen (lm)	Lamp Type	CCT (K)	CRI	DIMENSION (mm)
PNC2 0600 LED18 18W 3000K PSU IP65	18	1800-2100	LED	3000	80	538*66*54
PNC2 1200 LED35 33W 3000K PSU IP65	33	3500-4000	LED	3000	80	1138*66*54
PNC2 1500 LED55 46W 3000K PSU IP65	46	5500-6000	LED	3000	80	1438*66*54
PNC2 0600 LED18 18W 4000K PSU IP65	18	1800-2100	LED	4000	80	538*66*54
PNC2 1200 LED35 33W 4000K PSU IP65	33	3500-4000	LED	4000	80	1138*66*54
PNC2 1500 LED55 46W 4000K PSU IP65	46	5500-6000	LED	4000	80	1438*66*54
PNC2 0600 LED18 18W 5000K PSU IP65	18	1800-2100	LED	5000	80	538*66*54
PNC2 1200 LED35 33W 5000K PSU IP65	33	3500-4000	LED	5000	80	1138*66*54
PNC2 1500 LED55 46W 5000K PSU IP65	46	5500-6000	LED	5000	80	1438*66*54
PNC2 0600 LED18 18W 5700K PSU IP65	18	1800-2100	LED	5700	80	538*66*54
PNC2 1200 LED35 33W 5700K PSU IP65	33	3500-4000	LED	5700	80	1138*66*54
PNC2 1500 LED55 46W 5700K PSU IP65	46	5500-6000	LED	5700	80	1438*66*54
PNC2 0600 LED18 18W TW PSU IP65	18	1800-2100	LED	3000K + 4000K + 5700K	80	538*66*54
PNC2 1200 LED35 33W TW PSU IP65	33	3500-4000	LED	3000K + 4000K + 5700K	80	1138*66*54
PNC2 1500 LED55 46W TW PSU IP65	46	5500-6000	LED	3000K + 4000K + 5700K	80	1438*66*54

Non-Corrosive Luminaire PNC 2 Series

Dimension



Solar Batten PSNC series

The Solar Batten PSNC is the solution for a wide range of solar lighting applications. Featuring an advanced LifePO4 battery and a high-efficiency solar controller integrated into the batten light, this product is designed for superior performance and long working hours. Solar Batten Light boasts ultra-high brightness LEDs, delivering an impressive luminous output of up to 160 lumens per watt. Encased in an IP67 weatherproof PC fixture, this light is engineered to withstand harsh environmental conditions, ensuring reliable operation year-round. Ideal for outdoor applications, including car parks, bus shelters, warehouses, outdoor kiosks, street kiosks, camping tents, boats, or any remote locations where traditional grid power is unavailable.



PSNC	
Wattage	36W
Lumen Output	4200lm
Solar Panel Info	18V 80W
CCT	6000K
Battery	12.8V 307WH LiFePO4
Charger Type	PWM
Charge / Discharge time	5 hours (min) / 24 hours*
Sensor	Microwave
IP Rating	IP67
Wire length	5m
Housing material	Aluminium Alloy + PC
Dimension (Batten)	92mm x 84mm x 900mm

Application



Office



Industrial



School



Commercial



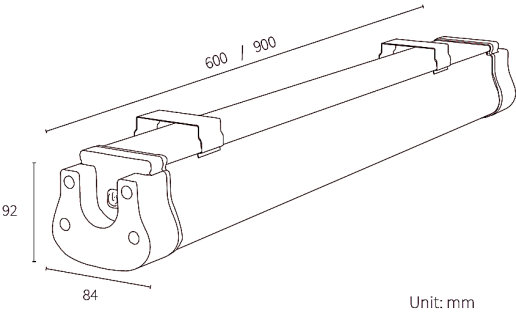
Outdoor Parking Lot



Hospitality

CODE	WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	DIMENSION (A x B x C) (mm)
PSNC LED42/60 36W IP67	36	4200	6000	92*84*900

Dimension



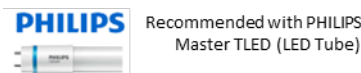


Cleanroom



Cleanroom Luminaire IP65 PCR series

Clean Room Luminaire is designed to enclose a gasket suitable for cleanroom applications. Top access with a hinge door and handle for easy opening of the luminaire. The sliding bracket holds the door in position when opened for safety purposes.



Application

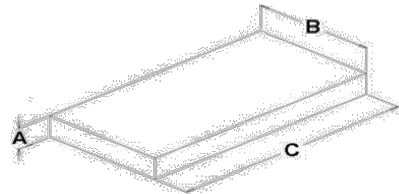


Cleanroom

PCR			
No of Lamp	2	3	4
Lamp holder	G13 Push-through lamp holders		
Type of Lamp	T8 LED Tube 600mm / 1200mm		
Diffuser	Polycarbonate		
Wire	HR 105°C		
Housing	0.5mm cold roll steel construction Coated with high gloss white epoxy powder paint		
Mounting	Recessed (Top Access)		
IP rating	IP54		
Warranty	3-years		

CODE	LAMP WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	INSTALLATION	NO OF LAMP	DIMENSION (mm)
PCR 0612 2/21 4000K	14	2100	4000K	Recessed	2	1197 x 595 x 100
PCR 0612 2/21 6500K	14	2100	6500K	Recessed	2	1197 x 595 x 100
PCR 0612 3/21 4000K	14	2100	4000K	Recessed	3	1197 x 595 x 100
PCR 0613 2/21 6500K	14	2100	6500K	Recessed	3	1197 x 595 x 100
PCR 0612 4/21 4000K	14	2100	4000K	Recessed	4	1197 x 595 x 100
PCR 0613 4/21 6500K	14	2100	6500K	Recessed	4	1197 x 595 x 100
PCR 0612 2/25 4000K	14.7	2500	4000	Recessed	2	1197 x 595 x 100
PCR 0612 2/25 6500K	14.7	2500	6500	Recessed	2	1197 x 595 x 100
PCR 0612 3/25 4000K	14.7	2500	4000	Recessed	3	1197 x 595 x 100
PCR 0613 2/25 6500K	14.7	2500	6500	Recessed	3	1197 x 595 x 100
PCR 0612 4/25 4000K	14.7	2500	4000	Recessed	4	1197 x 595 x 100
PCR 0613 4/25 6500K	14.7	2500	6500	Recessed	4	1197 x 595 x 100

Dimension



Dimension subject to +/- 1.5mm



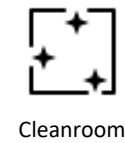
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Cleanroom Luminaire IP65 PCR2 series

Cleanroom Luminaire is designed to be closed and gasket suitable for cleanroom applications. Rated IP65 top access with a hinged door and handle for easy opening of the luminaire. Available with front access. Suitable for use in a cleanroom of class 100 - 100000 class 5 - (ISO 14644) standard. Recessed cleanroom lighting solutions for pharmaceutical, electronic, food industries, healthcare and dust-free environments are essential.



Application

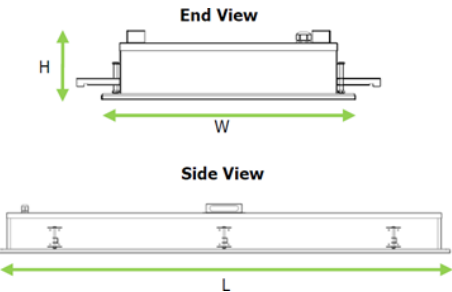


Cleanroom

PCR-2					
System Power	32W	47W	45W	67W	89W
Lumen	3200	4200	4500	6500	9000
CRI	➤ 80				
System Efficacy	100lm/W				
Housing Material	Formed In White Powder Coated Steel + Neoprene Gasket				
Diffuser Material	Sand Matt Acrylic Diffuser (PMMA) + Frosted PET Diffuser Film				
Paint	20% Glossy White Colour Powder Coat				
Input Voltage	220-240V 50/60Hz				
Flicker Free	Yes				
CCT	4000K / 6500K				
SDCM	3				
Protection	IP65(front)				
Driver	OFF-ON (DALI- optional)				
Lifetime	50,000Hrs				
Installation	Recessed T-Bar				
Warranty	5-years				

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	ACCESS	DIMENSION (mm)
PCR2 LED45 45W 4000K W60L60 PSU IP65 TA	45	4500	4000	TOP	L595 x W595 xH137
PCR2 LED65 67W 4000K W60L120 PSU IP65 TA	67	6500	4000	TOP	L1197 x W595 xH137
PCR2 LED90 89W 4000K W60L120 PSU IP65 TA	89	9000	4000	TOP	L1197 x W595 xH137
PCR2 LED45 45W 6500K W60L60 PSU IP65 TA	45	4500	6500	TOP	L595 x W595 xH137
PCR2 LED65 67W 6500K W60L120 PSU IP65 TA	67	6500	6500	TOP	L1197 x W595 xH137
PCR2 LED90 89W 6500K W60L120 PSU IP65 TA	89	9000	6500	TOP	L1197 x W595 xH137
PCR2 LED32 32W 4000K W60L60 PSU IP65	32	3200	4000	FRONT	L595 x W595 xH100
PCR2 LED42 47W 4000K W60L60 PSU IP65	47	4200	4000	FRONT	L595 x W595 xH100
PCR2 LED32 32W 6500K W60L60 PSU IP65	32	3200	6500	FRONT	L595 x W595 xH100
PCR2 LED42 47W 6500K W60L60 PSU IP65	47	4200	6500	FRONT	L595 x W595 xH100

Dimension



Dimension subject to +/- 1.5mm

Note:
All models option with emergency power pack by adding "EL" to the model description. Example: PCR2 LED32 32W 4000K W66L66 PSU IP65 TA EL



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Cleanroom Teardrop PTD series

Teardrop luminaire is an optimized cleanroom lighting fixture suitable for cleanroom classification 10~1000 with HEPA filters. It is designed to be slim, and compact with smooth housing design and installed to T grids. The design avoids dust attachment and does not interrupt the laminar airflow in the cleanroom application. Pascal PTD series products also provide excellent lighting quality, substantial energy saving and reliable quality for maintenance-free installation by using Philips Master LEDtube. Pascal's Teardrop luminaire is your excellent option for both new projects and retrofit projects.



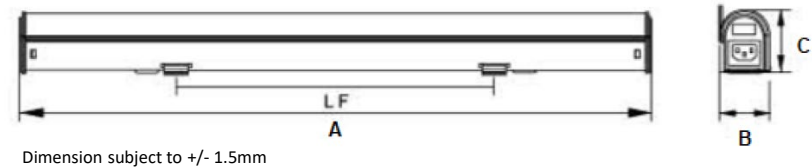
Application



PTD	
No of Lamp	1 x T8 LED Tube
Lamp holder	G13 Push-through lamp holders
Type of Lamp	T8 LED Tube 1200mm / 1500mm
Diffuser	Diffused Teardrop shape Polycarbonate
Housing	Precision aluminium extrusion technology with natural finish
Mounting	Surface
IP rating	IP40
Warranty	2-years

CODE	TUBE WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	DIMENSION (A x B x C) (mm)
PTD 1200/21 4000K	14	2100	4000	1223 x 112 x 54
PTD 1200 21 6500K	14	2100	6500	1223 x 112 x 54
PTD 1200/25 4000K	14.7	2500	4000	1223 x 112 x 54
PTD 1200 25 6500K	14.7	2500	6500	1223 x 112 x 54
PTD 1200/37 4000K	24	3700	4000	1223 x 112 x 54
PTD 1200 37 6500K	24	3700	6500	1223 x 112 x 54
PTD 1200 AMBER	14	1400	AMBER	1528 x 112 x 54
PTD 1500/21 4000K	18.2	3100	4000	1528 x 112 x 54
PTD 1500 21 6500K	18.2	3100	6500	1528 x 112 x 54
PTD 1500 AMBER	20	2200	AMBER	1528 x 112 x 54

Dimension



Dimension subject to +/- 1.5mm

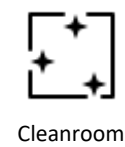
Cleanroom LED Teardrop PTD2 series

Best optimized cleanroom lighting fitting suitable for cleanroom classification 10~1000. It is designed with slim, compact and to be installed on T-Bar grids. These aerodynamic ceiling lights are specially conceived for Clean Rooms and Laminar Air Flow Systems: their width (50 mm) and the special shape of the screen allow excellent airflow control without turbulence. Your excellent choice for both new and retrofit cleanroom lighting projects.



LUMINAX				
Nominal Power	15W	20W	35W	50W
System lumen	2025lm	2800lm	4500lm	6500lm
System efficacy	135lm/W			
CCT (K) / CRI	4000K / 6500K , >80			
Input Voltage (V)	220-240 50/60Hz			
Control	FIXED ON-OFF / DALI (OPTION)			
Lifetime (Hr)	50,000			
IP rating	IP54			
Warranty	5-years			

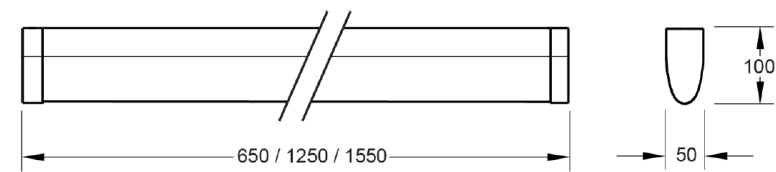
Application



Cleanroom

CODE	TUBE WATTAGE (W)	LAMP LUMEN (lm)	CCT (K)	DIMENSION (A x B x C) (mm)
PTD2 LED20 NW L600 PSU	2025	15	4000	650 x 50 x 100
PTD2 LED20 CW L600 PSU	2025	15	6500	650 x 50 x 100
PTD2 LED25 NW L1200 PSU	2800	20	4000	1250 x 50 x 100
PTD2 LED25 CW L1200 PSU	2800	20	6500	1250 x 50 x 100
PTD2 LED45 NW L1200 PSU	4500	35	4000	1250 x 50 x 100
PTD2 LED45 CW L1200 PSU	4500	35	6500	1250 x 50 x 100
PTD2 LED65 NW L1500 PSU	6500	50	4000	1550 x 50 x 100
PTD2 LED65 CW L1500 PSU	6500	50	6500	1550 x 50 x 100

Dimension



Dimension subject to +/- 1.5mm



LED FLEXIBLE STRIP

LED Flexible NEON Strip PFLED series

Omni-directional Flextube features “Dot-free” and 360° beam angle, it is designed with minimalist design features and good colour rendering for various applications. Applicable for both indoors and outdoors with good resistance against saltwater, solvent and ultraviolet.

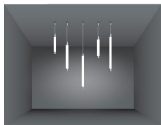


Application

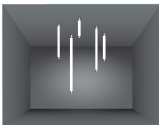


Indoor Application

PFLED			
Power (W)	14.4W/m		
Luminous Flux (System)	2700K (864lm/m) 3000K (922lm/m) 4000K (1008lm/m) 5000K (1008lm/m)	2200K – 5000K (720lm/m)	RGB (418lm/m)
Color Temperature	SW	Tunable White’	RGB
CRI	>90		
Input Voltage	24VDC		
IP rating	IP65		
LED Driver	External (option with dimmable)		
Beam Angle	360°		
Lifetime	50,000 hours		
Length/Reel	5m		
Warranty	3-years		



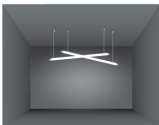
Vertical Suspended



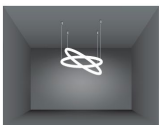
Vertical ceiling - Single



Surface mounted



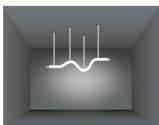
Horizontal suspended



Splicing



Vertical ceiling - Double

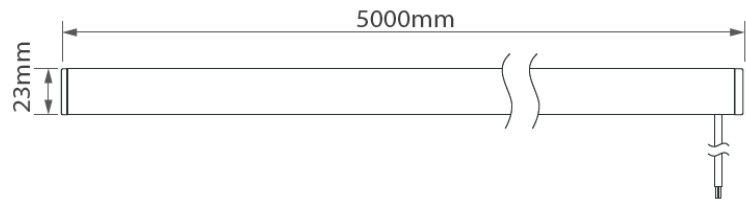


Creative

CODE	WATTAGE (W/m)	LUMEN (lm)	CCT (K)	DIMENSION (mm)
PFLED D23 2700K 5M	14.4	864	2700	Ø23 X 5000
PFLED D23 3000K 5M	14.4	922	3000	Ø23 X 5000
PFLED D23 4000K 5M	14.4	1008	4000	Ø23 X 5000
PFLED D23 5000K 5M	14.4	1008	5000	Ø23 X 5000
PFLED D23 TW 5M	14.4	720	2200-5000 (Tunable White)	Ø23 X 5000
PFLED D23 RGB 5M	14.4	418	RGB	Ø23 X 5000

Note: Accessories are separately sold, driver sold separately

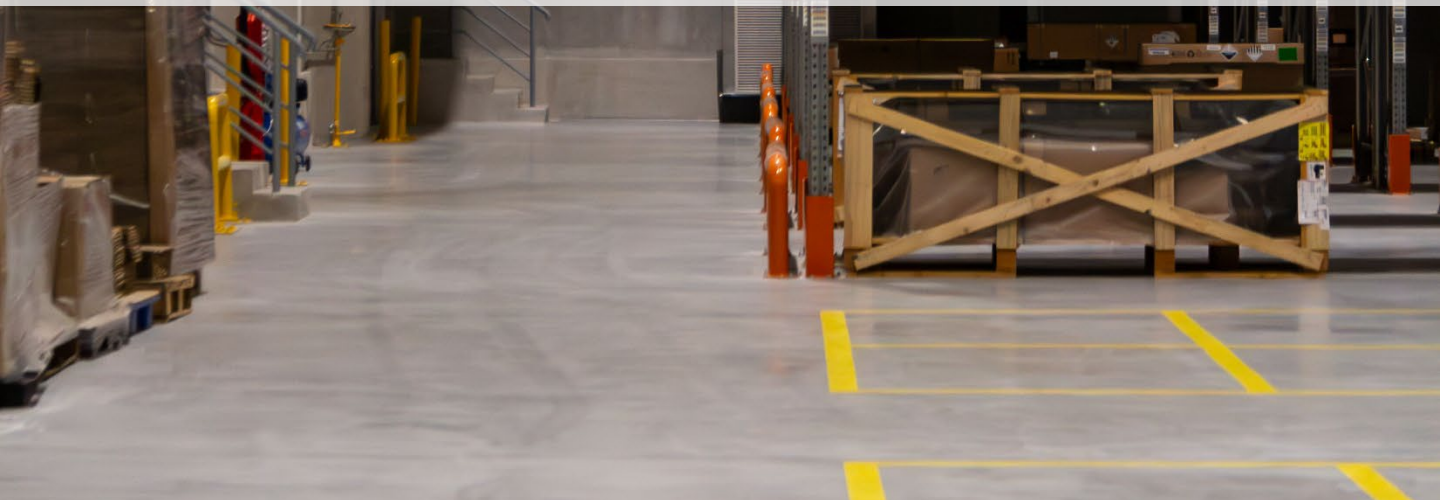
Dimension



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LED HIGHBAY



LED HighBay PHB series

The LED Highbay range of luminaires provides the optimal balance between enhanced performance and value for money. The family covers a wide product range with a variety of options, competitive specifications, and long-term quality and reliability. Excellent in energy saving.



Application



Office



Industrial



Warehouse



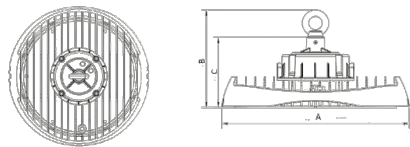
Transportation

PHB			
System Power	100W	150W	200W
System lumen	17000lm	24990lm	31390lm
System Efficacy	160lm/W		
Input Voltage	220-240V 50/60Hz		
CRI	80		
CCT	4000K/5700K		
SDCM	5		
Power Factor	0.9		
Beam Angle	90° (WB) 60° (optional)		
IP rating	IP65 / IK08		
Lifetime	50,000 @L70		
Warranty	5-years		

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION (mm)
PLHB LED160/57 L-WB PSU IP65	100	17000	5700	WB	240 x 157.3 x 110.8
PLHB LED160/57 L-MB PSU IP65	100	17000	5700	MB	240 x 157.3 x 110.8
PLHB LED240/57 L-WB PSU IP65	150	24990	5700	WB	280 x157.3 x 110.8
PLHB LED240/57 L-MB PSU IP65	150	24990	5700	MB	280 x157.3 x 110.8
PLHB LED320/57 L-WB PSU IP65	200	31390	5700	WB	320 x 167.1 x 120.6
PLHB LED320/57 L-MB PSU IP65	200	31390	5700	MB	320 x 167.1 x 120.6
PLHB LED160/40 L-WB PSU IP65	100	17000	4000	WB	240 x 157.3 x 110.8
PLHB LED160/40 L-MB PSU IP65	100	17000	4000	MB	240 x 157.3 x 110.8
PLHB LED240/40 L-WB PSU IP65	150	24990	4000	WB	280 x157.3 x 110.8
PLHB LED240/40 L-MB PSU IP65	150	24990	4000	MB	280 x157.3 x 110.8
PLHB LED320/40 L-WB PSU IP65	200	31390	4000	WB	320 x 167.1 x 120.6
PLHB LED320/40 L-MB PSU IP65	200	31390	4000	MB	320 x 167.1 x 120.6

Dimming / Sensor (available on request)

Dimension



	100W	150W	200W
A	240mm	280mm	320mm
B	157.3mm	157.3mm	167.1mm
C	110.8mm	110.8mm	120.6mm



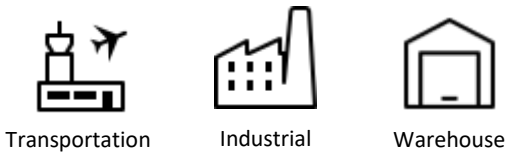
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LED Undercanopy HB PUCB series

The Luminax Undercanopy HB is a modern lighting system, designed to give the utmost freedom to businesses. The Undercanopy HB had been carefully designed to achieve superior illumination performance under every canopy and soffit, providing safe and comfortable lighting for all users. With its slim low profile design, it could virtually be mounted on any canopy or soffit.

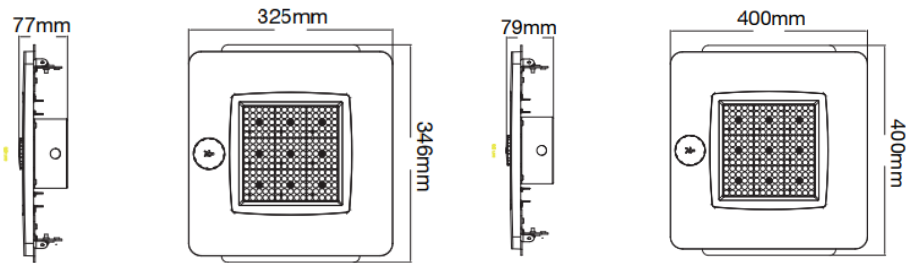


Application



PUCB			
Power Consumption	100 W	120 W	150 W
Input Voltage	120-277V 50/60Hz		
Lumens	14,000lm	16,800lm	21,00lm
Power Efficiency	≥86%		
Efficacy	140lm/W		
Net weight	3.2kg±0.2kg	5.4kg±0.2kg	
Surge Protection Options (kv)	6KV-Line-Line / 6KV-Line-Earth		
Control Protocol(s)	1-10V, DALI2 (optional)		
Sensor	Motion Sensor (optional)		
Beam Angle	60° / 90° / 120°		
LED Colour Temperature (CCT)	4000K / 5700K		
Colour Rendering Index (CRI)	CRI>80		
Operating Temperature	-30°C to + 45°C		
Lifetime of The LEDs @ TA 25°C	L70B10 > 100,000h L80B20 > 50,000h L90B10 > 30,000h		
Switching Cycles	> 100,000 times		
Protection Rating	IP66 , IK07		
Warranty	5 years		

Dimension



Wattage
100W

Wattage
120/150W

LED Undercanopy HB PUCB series

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION (mm)
PUCB LED140/40 NB DA 100W IP66	100	14,000	4000	60	325*346*77
PUCB LED140/40 MB DA 100W IP66	100	14,000	4000	90	325*346*77
PUCB LED140/40 WB DA 100W IP66	100	14,000	4000	120	325*346*77
PUCB LED140/57 NB DA 100W IP66	100	14,000	5700	60	325*346*77
PUCB LED140/57 MB DA 100W IP66	100	14,000	5700	90	325*346*77
PUCB LED140/57 WB DA 100W IP66	100	14,000	5700	120	325*346*77
PUCB LED168/40 NB DA 120W IP66	120	16,800	4000	60	400*400*79
PUCB LED168/40 MB DA 120W IP66	120	16,800	4000	90	400*400*79
PUCB LED168/40 WB DA 120W IP66	120	16,800	4000	120	400*400*79
PUCB LED168/57 NB DA 120W IP66	120	16,800	5700	60	400*400*79
PUCB LED168/57 MB DA 120W IP66	120	16,800	5700	90	400*400*79
PUCB LED168/57 WB DA 120W IP66	120	16,800	5700	120	400*400*79
PUCB LED210/40 NB DA 150W IP66	150	21,000	4000	60	400*400*79
PUCB LED210/40 MB DA 150W IP66	150	21,000	4000	90	400*400*79
PUCB LED210/40 WB DA 150W IP66	150	21,000	4000	120	400*400*79
PUCB LED210/57 NB DA 150W IP66	150	21,000	5700	60	400*400*79
PUCB LED210/57 MB DA 150W IP66	150	21,000	5700	90	400*400*79
PUCB LED210/57 WB DA 150W IP66	150	21,000	5700	120	400*400*79

Optional items

Component Code	Bluetooth
BT	30m
BT2	150m



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LED AREA FLOODLIGHT

LED area floodlighting PFL G2 series

Successor to the LED area floodlighting PFL G1, the PFL G2 has the perfect performance for area lighting and industrial applications that fit under normal and robust environments. Offering a wider range of models, the PFL G2 provides the freedom for a perfect fit. PFL G2 meets the IP65 and IK08 standards, ensuring a resilient floodlight suitable for a wide range of environments. A High-performance solution for a high-quality outcome.



PFL G2

PFL G2						
System Power	100W		150W		200W	
System lumen	13000	12000	19500	18000	24000	
Type	Symmetric	Asymmetric	Symmetric	Asymmetric	Symmetric	Asymmetric
System Efficacy	130lm/W					
Input Voltage	120-270V					
Frequency	50/60Hz					
Sensors	Optional PIR sensor					
CRI	80					
CCT	4000K / 5000K / 6500K					
SDCM	6					
Power Factor	>0.9					
Beam Angle	110					
IP rating	IP65/IK08					
Lifetime	50Khr@B50L70Ta25°C					
Salt Spray	200 hours					
Warranty	5					

Application



Stadium



Industrial



Warehouse



Commercial



Outdoor
Parking Lot



Transportation

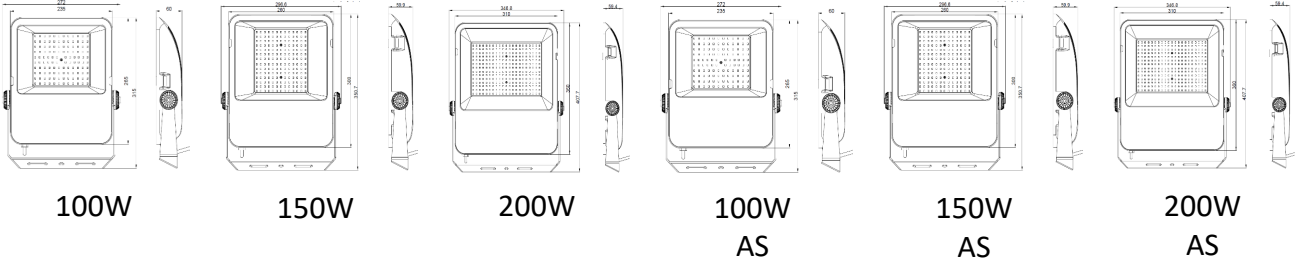
LED area floodlighting PFL G2 series

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	DIMENSION (mm)
PFL G2 LED 130/40 S PSU 100W IP65	100	13000	4000	L315 * W272 * H60
PFL G2 LED 130/40 AS PSU 100W IP65	100	12000	4000	L315 * W272 * H60
PFL G2 LED 200/40 S PSU 150W IP65	150	19500	4000	L351 * W297 * H60
PFL G2 LED 200/40 AS PSU 150W IP65	150	18000	4000	L351 * W297 * H60
PFL G2 LED 240/40 S PSU 200W IP65	200	24000	4000	L408 * W347 * H60
PFL G2 LED 240/40 AS PSU 200W IP65	200	24000	4000	L408 * W347 * H60
PFL G2 LED 130/50 S PSU 100W IP65	100	13000	5000	L315 * W272 * H60
PFL G2 LED 130/50 AS PSU 100W IP65	100	12000	5000	L315 * W272 * H60
PFL G2 LED 200/50 S PSU 150W IP65	150	19500	5000	L351 * W297 * H60
PFL G2 LED 200/50 AS PSU 150W IP65	150	18000	5000	L351 * W297 * H60
PFL G2 LED 240/50 S PSU 200W IP65	200	24000	5000	L408 * W347 * H60
PFL G2 LED 240/50 AS PSU 200W IP65	200	24000	5000	L408 * W347 * H60
PFL G2 LED 130/65 S PSU 100W IP65	100	13000	6500	L315 * W272 * H60
PFL G2 LED 130/65 AS PSU 100W IP65	100	12000	6500	L315 * W272 * H60
PFL G2 LED 200/65 S PSU 150W IP65	150	19500	6500	L351 * W297 * H60
PFL G2 LED 200/65 AS PSU 150W IP65	150	18000	6500	L351 * W297 * H60
PFL G2 LED 240/65 S PSU 200W IP65	200	24000	6500	L408 * W347 * H60
PFL G2 LED 240/65 AS PSU 200W IP65	200	24000	6500	L408 * W347 * H60

Optional items

Component Code	Type
PIR	Sensor

Dimension





ROAD LIGHTING

LED Street Light PSL series

The Streetlight PSL Series is ideal for new and renovating existing installations, this affordable range of lighting set to meet customers’ requirements, including high lumen efficacy for energy saving and sustainability. High-quality light with significant energy savings and reduced maintenance.



PSL					
Power (W)	60	80	100	120	150
Luminous Flux (lm)	9000	12000	15000	18000	22500
CCT (K)	3000/4000				
CRI	>70				
Lumen Efficacy	150 lm/W				
Input voltage	AC100-277V 50/60Hz				
Power factor	>0.95				
System	NEMA Socket ready				
Spigot	60mm				
IP rating	IP66				
IK rating	IK09				

Application



Office



Industrial



Warehouse



Commercial



Healthcare

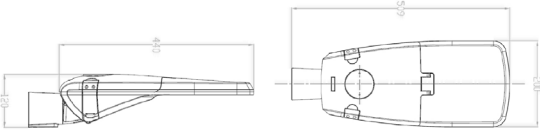


Transportation

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	IP Rating	DIMENSION (mm)
PSL 60W 840 IP66	60	9000	4000	IP66	440×200×120
PSL 60W 830 IP66	60	9000	3000	IP66	440×200×120
PSL 80W 840 IP66	80	12000	4000	IP66	440×200×120
PSL 80W 830 IP66	80	12000	3000	IP66	440×200×120
PSL 100W 840 IP66	100	15000	4000	IP66	562×250×120
PSL 100W 830 IP66	100	15000	3000	IP66	562×250×120
PSL 120W 840 IP66	120	18,000	4000	IP66	562×250×120
PSL 120W 830 IP66	120	18,000	3000	IP66	562×250×120
PSL 150W 840 IP66	150	22500	4000	IP66	722×345×122
PSL 150W 830 IP66	150	22500	3000	IP66	722×345×122

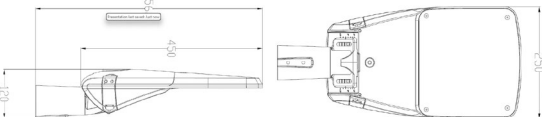
Dimension

70W 120W



562mm×250mm×120mm

180W



722mm×345mm×122



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Solar All in one Streeting PSS2 series

Luminax Solar All-in-One LED Off grid streetlight designed with the simplest and cost-effective design. Integrated microwave sensors to detect movement to ensure maximum energy efficiency. Eco-friendly energy with maintenance free design. Built to resist harsh environments with IP65 rated.



PSS2-AIO-ST				
Operation Mode	100% output	4Hrs		
	Auto Mode	6-8Hrs		
	Standby Time	24hrs		
Initial luminous flux (system)		4800lm	6000lm	8000lm 9700lm
Normal Wattage (W)		30	40	50 60
System Voltage (dc V)		12		
Battery		LiFePO4		
Battery Capacity		12.8V 384WH	12.8V 512WH	12.8V 640WH 12.8V 768WH
System Efficacy (lm/W)		130-170		130-180
Controller Type		PWM		
Corr. Color Temperature (K)		4000 / 5700		
CRI		>70		
IP/IK rating		IP65 / IK08		
Lifetime		50,000 hrs		
Working Temperature		-10 °C - 60 °C		
Mounting Diameter (mm)		Ø60		Ø76
Dimension (mm)		1090x423x89	1057x518x89	1357x518x105
Weight (kg)		15	20	22

Application



Office



Industrial



Warehouse



Commercial



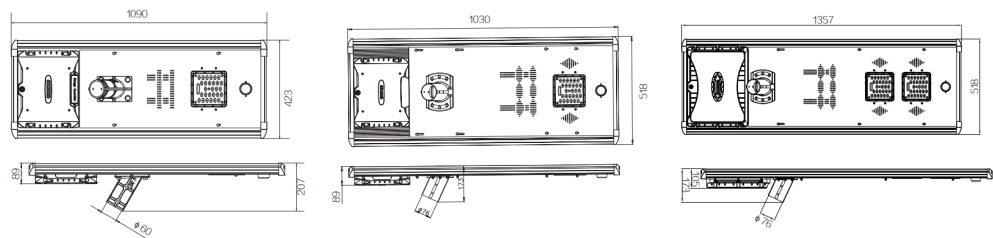
Healthcare



Transportation

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	IP Rating	DIMENSION (mm)
PSS2 AIO ST 30/4800	30	4800	4000	65	1090x423x89
PSS2 AIO ST 30/4800	30	4800	5700	65	1090x423x89
PSS2 AIO ST 40/4800	40	6000	4000	65	1057x518x89
PSS2 AIO ST 40/4800	40	6000	5700	65	1057x518x89
PSS2 AIO ST 50/4800	50	8000	4000	65	1357x518x105
PSS2 AIO ST 50/4800	50	8000	5700	65	1357x518x105
PSS2 AIO ST 60/4800	60	9700	4000	65	1357x518x105
PSS2 AIO ST 60/4800	60	9700	5700	65	1357x518x105

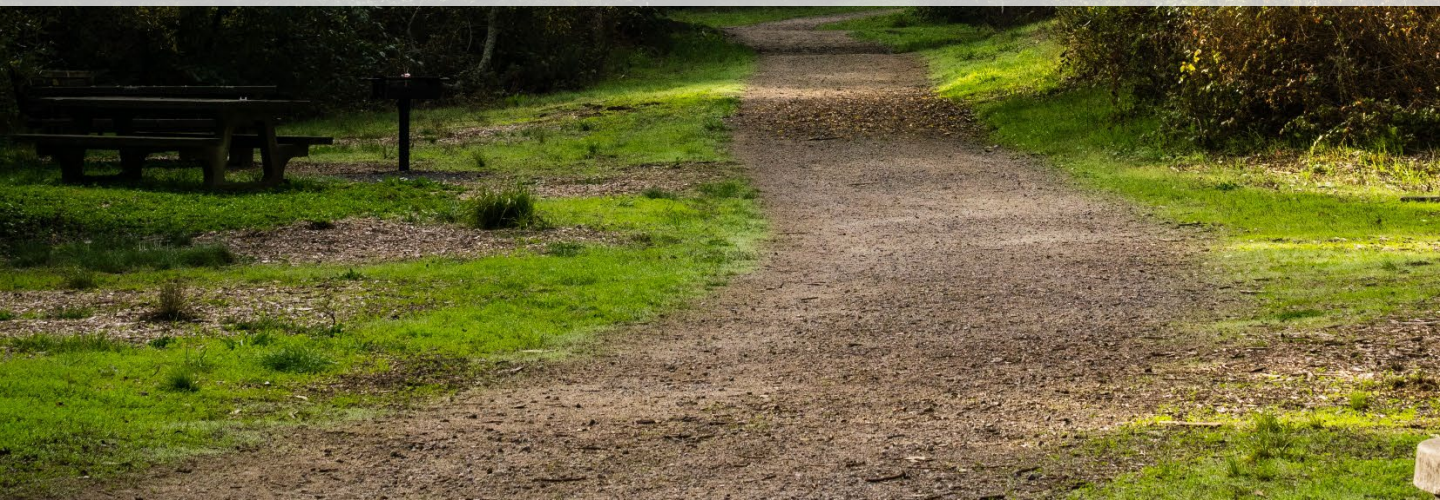
Dimension



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EcoNova

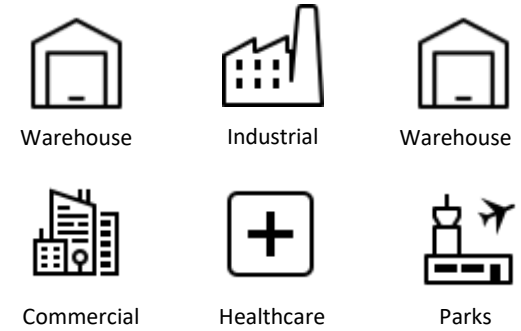


EcoNova Solar streetlight PSS Nova SL series

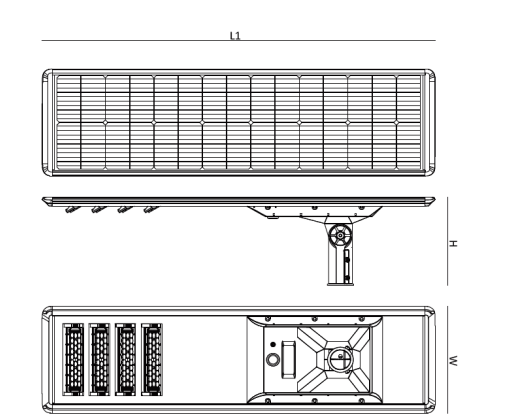
EcoNova Solar Streetlight is the perfect lighting for outdoor application. The PSS NOVA ST is available in a wide range of Wattage, 50W to 180W, which apply pole heights from 5 meters to 14 meters. Equipped with advanced microwavesensorsformovementdetection,itmaximizesenergyefficiency.Embraceeco-friendly,maintenance freelightingthatwithstandsharshenvironments,thankstoitsIP65rating.Optionalwithhybridversion.



Application



Dimension



PSS NOVA SL						
Initial luminous flux (system)	8,500	10,200	13,600	17,000	20,400	23,800
Normal Wattage (W)	50	60	80	100	120	140
System Voltage (dc V)	12					
Battery	LiFePO4					
Battery Capacity	12.8V 384WH	12.8V 460WH	12.8V 614WH	12.8V 768WH	25.6V 921WH	25.6V 1075WH
System Efficacy (lm/W)	170					
LED adjustable angle	-10° ~ + 30°					
Controller Type	MPPT with sensor					
Hybrid	Hybrid					
Corr. Color Temperature (K)	3000K / 4000K / 5000K					
CRI	70/80					
IP/IK rating	IP65 / IK08					
Installation Height (m)	4-8	5-8	6-10	6-12	8-12	8-14
Working Temperature	-10 °C - 60 °C					
Dimension (mm) L1 x W x H	1100x420x350	1100x420 x350	1300x420 x350	1590x420 x350	1360x530 x380	1480x530 x380
Weight (kg)	12.30	14.60	18.50	23.50	26.50	29.50

EcoNova Solar streetlight PSS Nova series

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	IP Rating	DIMENSION mm
PSS NOVA SL 85/50W WW/HY	50	8500	3000	IP65	1100 x 420 x 350
PSS NOVA SL 102/60W WW/HY	60	10200	3000	IP65	1100 x 420 x 350
PSS NOVA SL 136/80W WW/HY	80	13600	3000	IP65	1300 x 420 x 350
PSS NOVA SL 170/100W WW/HY	100	17000	3000	IP65	1590 x 420 x 350
PSS NOVA SL 204/120W WW/HY	120	20400	3000	IP65	1360 x 530 x 380
PSS NOVA SL 238/140W WW/HY	140	23800	3000	IP65	1480 x 530 x 380
PSS NOVA SL 85/50W NW/HY	50	8500	4000	IP65	1100 x 420 x 350
PSS NOVA SL 102/60W NW/HY	60	10200	4000	IP65	1100 x 420 x 350
PSS NOVA SL 136/80W NW/HY	80	13600	4000	IP65	1300 x 420 x 350
PSS NOVA SL 170/100W NW/HY	100	17000	4000	IP65	1590 x 420 x 350
PSS NOVA SL 204/120W NW/HY	120	20400	4000	IP65	1360 x 530 x 380
PSS NOVA SL 238/140W NW/HY	140	23800	4000	IP65	1480 x 530 x 380
PSS NOVA SL 85/50W CW/HY	50	8500	5000	IP65	1100 x 420 x 350
PSS NOVA SL 102/60W CW/HY	60	10200	5000	IP65	1100 x 420 x 350
PSS NOVA SL 136/80W CW/HY	80	13600	5000	IP65	1300 x 420 x 350
PSS NOVA SL 170/100W CW/HY	100	17000	5000	IP65	1590 x 420 x 350
PSS NOVA SL 204/120W CW/HY	120	20400	5000	IP65	1360 x 530 x 380
PSS NOVA SL 238/140W CW/HY	140	23800	5000	IP65	1480 x 530 x 380

EcoNova Solar Post Top PSS Nova PT series

With a new and futuristic design, The EcoNOVA Solar Post Top is designed with the environment in mind. With a UWLR of <1% of the lighting distribution, the fitting provides an even lighting performance without light pollution. It creates a wildlife-friendly lighting environment that helps minimise the harm done to nearby ecosystems.



Application


Warehouse


Industrial


Warehouse


Commercial

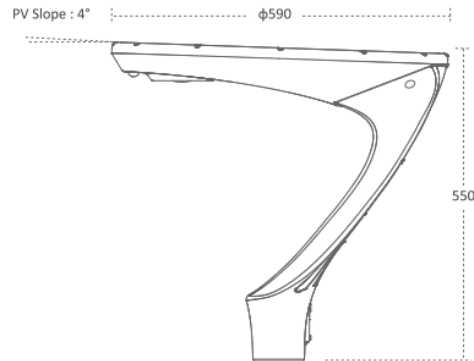

Healthcare


Parks

PSS Nova	
Power (W)	18
Luminous Flux (lm)	2,800
CCT (K)	2200K+3000K / 3000K+4000K / 3000K+6000K
CRI	>80
LED Lifetime	>100,000 hr
Light Warranty	3 year
Battery type	lifePO4 32700 6000mA 3.2V
Battery capacity	154WH 12.8V
Battery lifetime	6000 cycles @ D.O.D 90%
Change Time	4 hours
Discharge time	>24 hours
Working temp	-15 to 70
Battery autonomy	2-3 days (3-5 days in motion detection mode)
Solar Panel Peak Power	38W
Solar Panel Rated Voltage	18V
Solar Panel Cell Type	MONO crystalline silicon
Solar Panel Cell Efficiency (%)	>22.5%
Solar Panel Lifetime	>20 years

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	Battery Autonomy	DIMENSION (mm)
PSS NOVA PT LED28 18W 22/30	18	2800	2000+3000	2-3 days (3-5 days in motion detection mode)	φ 590 * H550mm
PSS NOVA PT LED28 18W 30/40	18	2800	3000+4000	2-3 days (3-5 days in motion detection mode)	φ 590 * H550mm
PSS NOVA PT LED28 18W 30/60	18	2800	3000+6000	2-3 days (3-5 days in motion detection mode)	φ 590 * H550mm

Dimension



EcoNova Solar Bollard PSB Nova

IP65 waterproof and IK10 vandal resistant, Luminax’s EcoNOVA Solar Bollard Light was designed with public spaces in mind. Its futuristic design decreases light pollution by limiting the upward light waste ratio. A LifePO4 battery combined with an intelligent lighting program provides 100% power up to 280 lm for 4 hours before changing to 30% power of full production to 100% when the PIR sensor is triggered.



Application


Warehouse


Industrial


Warehouse


Commercial

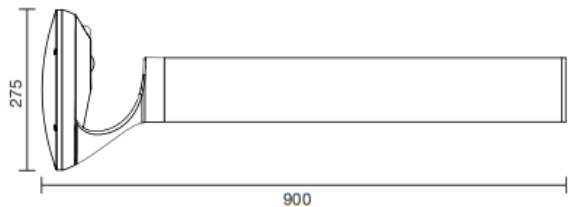

Healthcare


Transportation

PSB	
Light Performance	1.5W >280lm
Solar Panel	5V 6.2W
Product Size	Φ 275*900mm
CCT	2200K~6000K
LiFePO4 battery	38.4WH 3.2V
Charge & discharge time	5 & >24 hours
Sensor type	PIR motion sensor
Fixture colour	Black /Grey
Certificate	CE IP65 IK10

CODE	WATTAGE (w)	LUMEN (lm)	CCT (K)	IP Rating	DIMENSION (mm)
PSB Nova LED 2 1.5W 3000K	1.5	280	3000	IP65	Φ 275*900mm
PSB Nova LED 2 1.5W 4000K	1.5	280	4000	IP65	Φ 275*900mm
PSB Nova LED 2 1.5W 5000K	1.5	280	5000	IP65	Φ 275*900mm

Dimension





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