



Product Catalogue

LED PANEL

TROFFER

DOWNLIGHT

BATTEN

CLEANROOM

FLEXIBLE LED STRIP

HIGHBAY

FLOODLIGHT

ROADLIGHT



LED PANEL

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

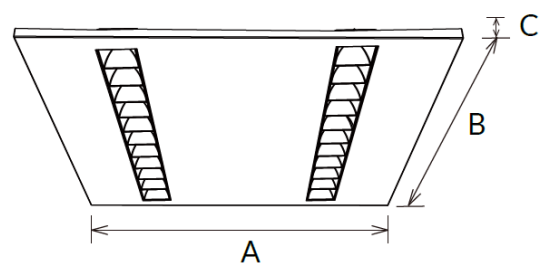

Healthcare


Hospitality

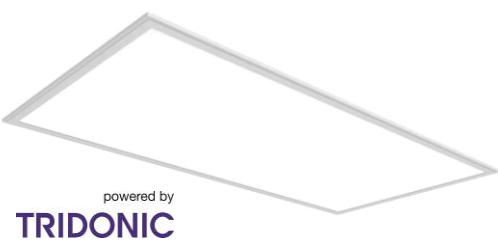
PSP2	
Wattage (W)	35
Lumen (lm) ±5%	3600
System Efficacy (lm/W)	>100
Rated input (V)	220-240
CRI/SDCM	80 / <6
CCT(K)	TUNABLE WHITE 3000K – 5700K
UGR Rating	19
Control Type	DALI
IP Rating / IK Rating	IP 40 /IK 08
Lifetime (hrs)	50,000
Mounting Method	Recessed / Suspended
Dimension (A*B*C)mm	595*595*15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

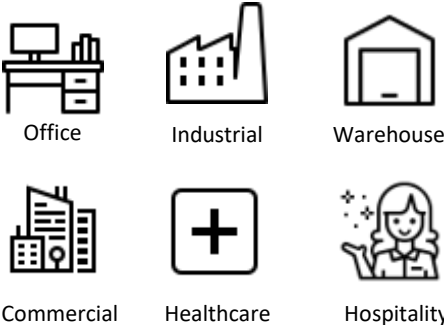
Dimension



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.



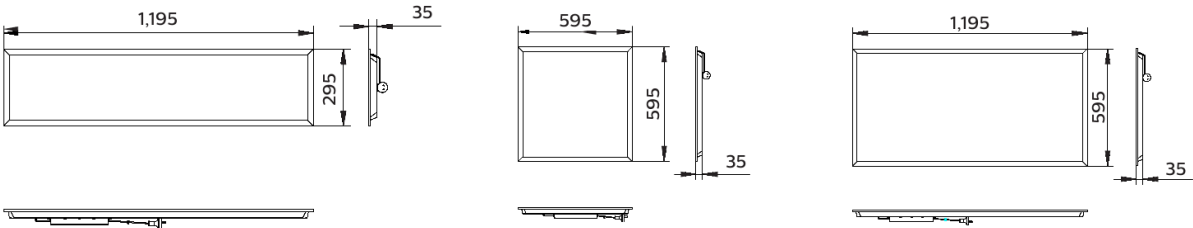
Application



PSP2 B			
Wattage (W)	31W		56W
Lumen (lm) ±5%	3800		7000
System Efficacy (lm/W)	125lm/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 35	595 x 595 x 35	595 x 1195 x 35
Warranty	5-years		

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	CRI	UGR	DIMENSION (mm)
PSP2 B LED38 830 PSU W30L60	31	3800	3000	80	22	295x1195x35
PSP2 B LED38 840 PSU W30L60	31	3800	4000	80	22	295x1195x35
PSP2 B LED38 865 PSU W30L60	31	3800	6500	80	22	295x1195x35
PSP2 B LED38 830 PSU W60L60	31	3800	3000	80	22	595X595x35
PSP2 B LED38 840 PSU W60L60	31	3800	4000	80	22	595X595x35
PSP2 B LED38 865 PSU W60L60	31	3800	6500	80	22	595X595x35
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

Dimension





Troffer

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



PHILIPS Recommended with PHILIPS Master TLED (LED Tube)

Application



Office



Industrial



Warehouse



Commercial



Healthcare

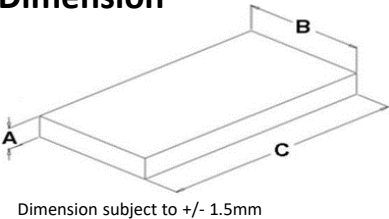


Hospitality

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

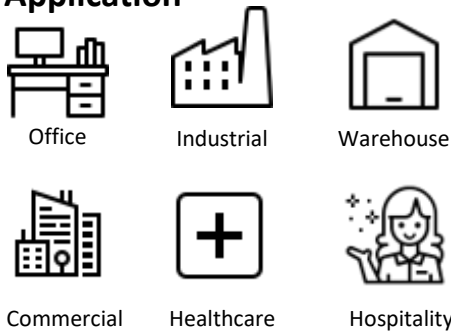


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Mirror Recessed/Surface Mounted T8 LED Tube ready suitable for general office, workplace, industrial workstations and many other applications. Versatile and easy installation for either recessed T-Bar ceiling or Surface mounting. With highly efficient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



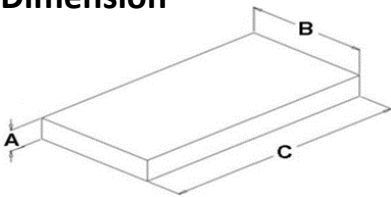
Application



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

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

Transportation

Warehouse

Commercial

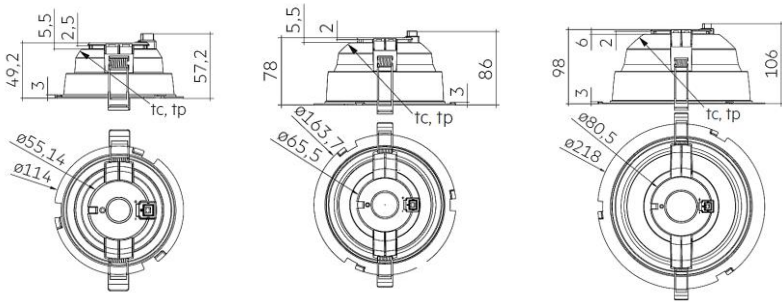
Healthcare

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
Warranty	5-YEARS			

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	GLARE (UGR)	BEAM ANGLE	DIMENSION (Cut-out)mm
PDL-R-LED10 10W 3000K D100 NB	10.2 W	1,060 lm	3000	20	60°	100
PDL-R-LED10 10W 4000K D100 NB	10.2 W	1,110 lm	4000	20	60°	100
PDL-R-LED10 10W 3000K D100 WB	10.2 W	1,060 lm	3000	23	90°	100
PDL-R-LED10 10W 4000K D100 WB	10.2 W	1,110 lm	4000	23	90°	100
PDL-R-LED10 10W 3000K D150 NB	10.1 W	1,100 lm	3000	16	60°	150
PDL-R-LED10 10W 4000K D150 NB	10.1 W	1,120 lm	4000	16	60°	150
PDL-R-LED10 10W 3000K D150 WB	10.1 W	1,100 lm	3000	20	90°	150
PDL-R-LED10 10W 4000K D150 WB	10.1 W	1,120 lm	4000	20	90°	150
PDL-R-LED20 20W 3000K D150 NB	20.2 W	2,130 lm	3000	19	60°	150
PDL-R-LED20 20W 4000K D150 NB	20.2 W	2,210 lm	4000	19	60°	150
PDL-R-LED20 20W 3000K D150 WB	20.2 W	2,130 lm	3000	22	90°	150
PDL-R-LED20 20W 4000K D150 WB	20.2 W	2,210 lm	4000	22	90°	150
PDL-R-LED20 20W 3000K D200 NB	20.4 W	2,200 lm	3000	17	60°	200
PDL-R-LED20 20W 4000K D200 NB	20.4 W	2,250 lm	4000	17	60°	200
PDL-R-LED20 20W 3000K D200 WB	20.4 W	2,200 lm	3000	20	90°	200
PDL-R-LED20 20W 4000K D200 WB	20.4 W	2,250 lm	4000	20	90°	200
PDL-R-LED30 30W 3000K D200 NB	29.8 W	3,070 lm	3000	18	60°	200
PDL-R-LED30 30W 4000K D200 NB	29.8 W	3,180 lm	4000	18	60°	200
PDL-R-LED30 30W 3000K D200 WB	29.8 W	3,070 lm	3000	21	90°	200
PDL-R-LED30 30W 4000K D200 WB	29.8 W	3,180 lm	4000	21	90°	200

Dimension



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



Office



Transportation



Warehouse



Commercial



Healthcare

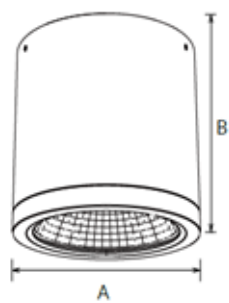


Hospitality

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 LED08 10W 2700K D90 PSU IP54 S	10	890	2700	60°	Ø90x100
PDL-S LED08 10W 3000K D90 PSU IP54 S	10	890	3000	60°	Ø90x100
PDL-S LED08 10W 4000K D90 PSU IP54 S	10	890	4000	60°	Ø90x100
PDL-S LED08 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

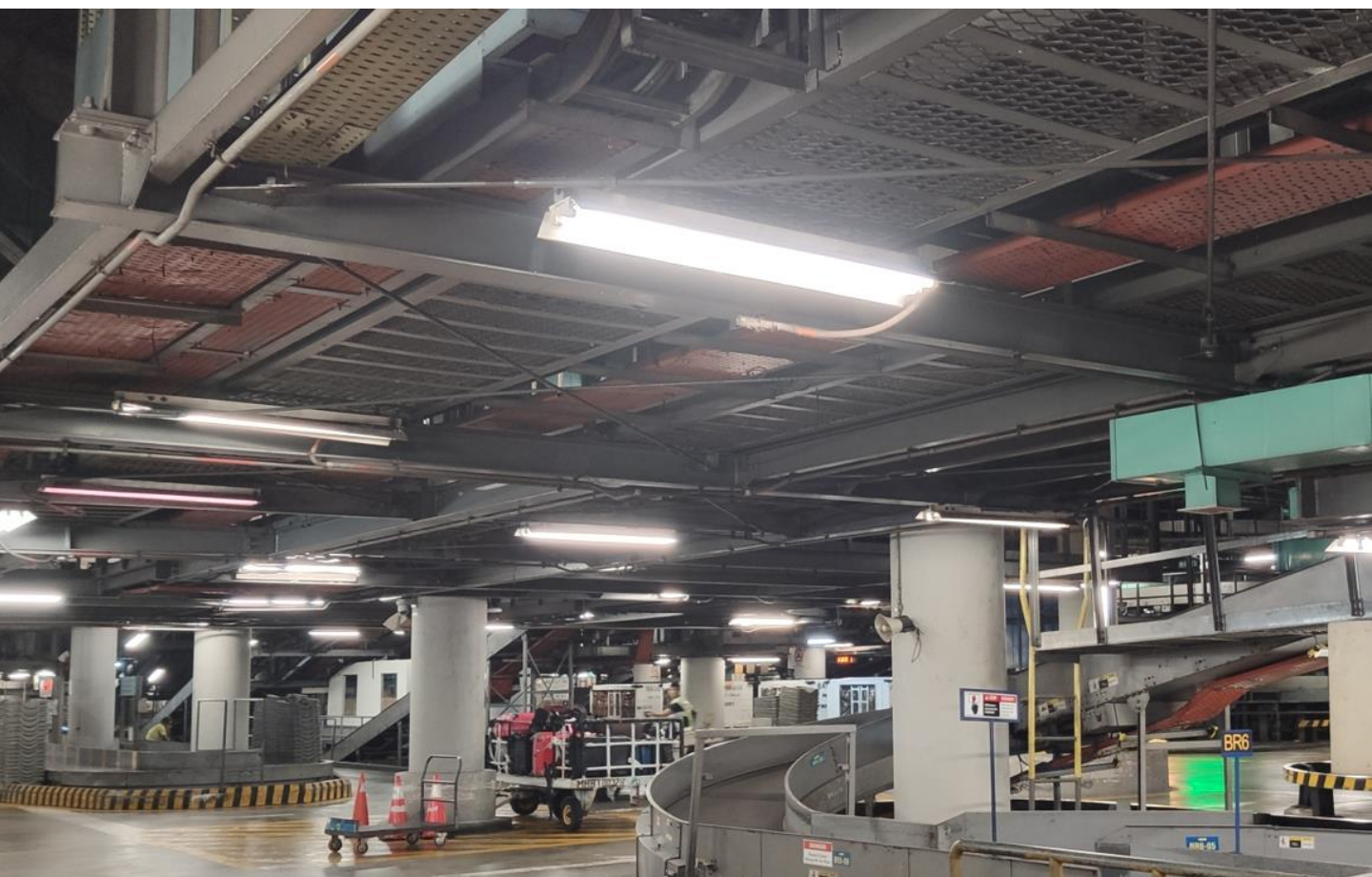
Dimension A x B (mm)



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



BATTEN

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.



PBBL2		
System Power	10W20W	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	

Application

Office

Transportation

Warehouse

Commercial

Healthcare

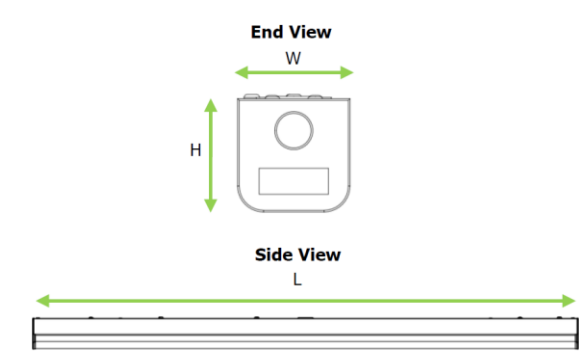
Hospitality

Transportation

Outdoor Parking Lot

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



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

Commercial

Healthcare

Hospitality

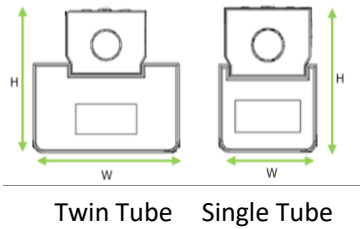
Transportation

Outdoor Parking Lot

PDBL				
No. of Lamp	1	2	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	617x72x92	617x131x92	1227x72x92	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

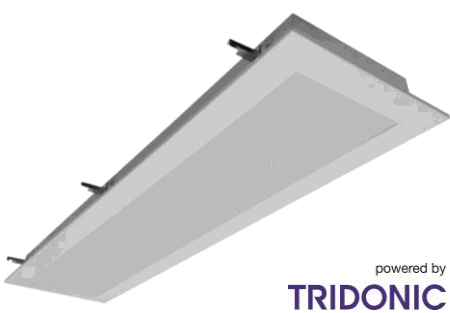
Dimension





Cleanroom

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.



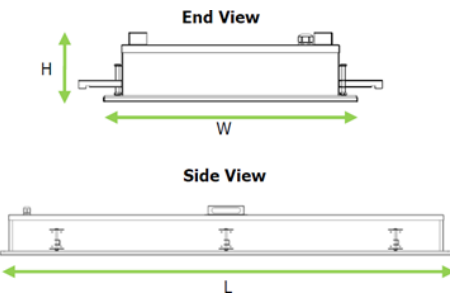
Application



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	FRON	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	FRON	L595 x W595 xH100

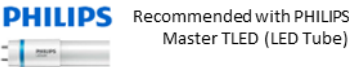
Dimension



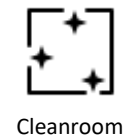
Dimension subject to +/- 1.5mm

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

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

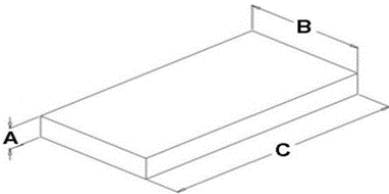


Cleanroom

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

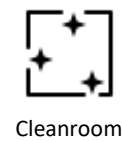


Dimension subject to +/- 1.5mm

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.



Application

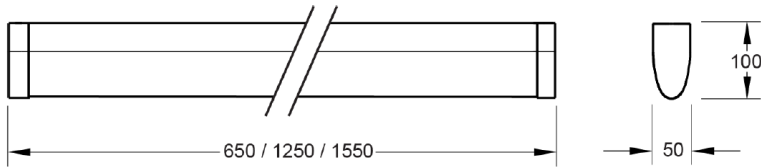


Cleanroom

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			

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

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

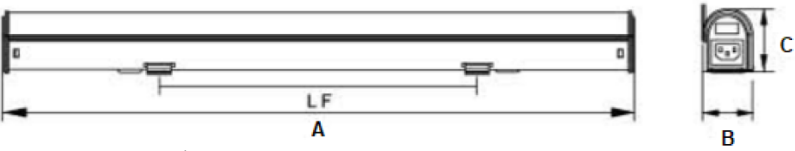


Cleanroom

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



LED FLEXIBLE
STRIP

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.

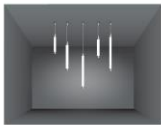


Application



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



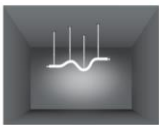
Horizontal suspended



Splicing



Vertical ceiling - Double

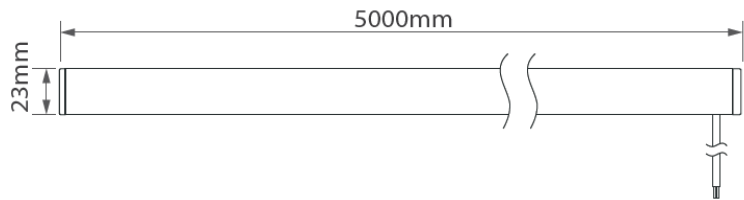


Creative

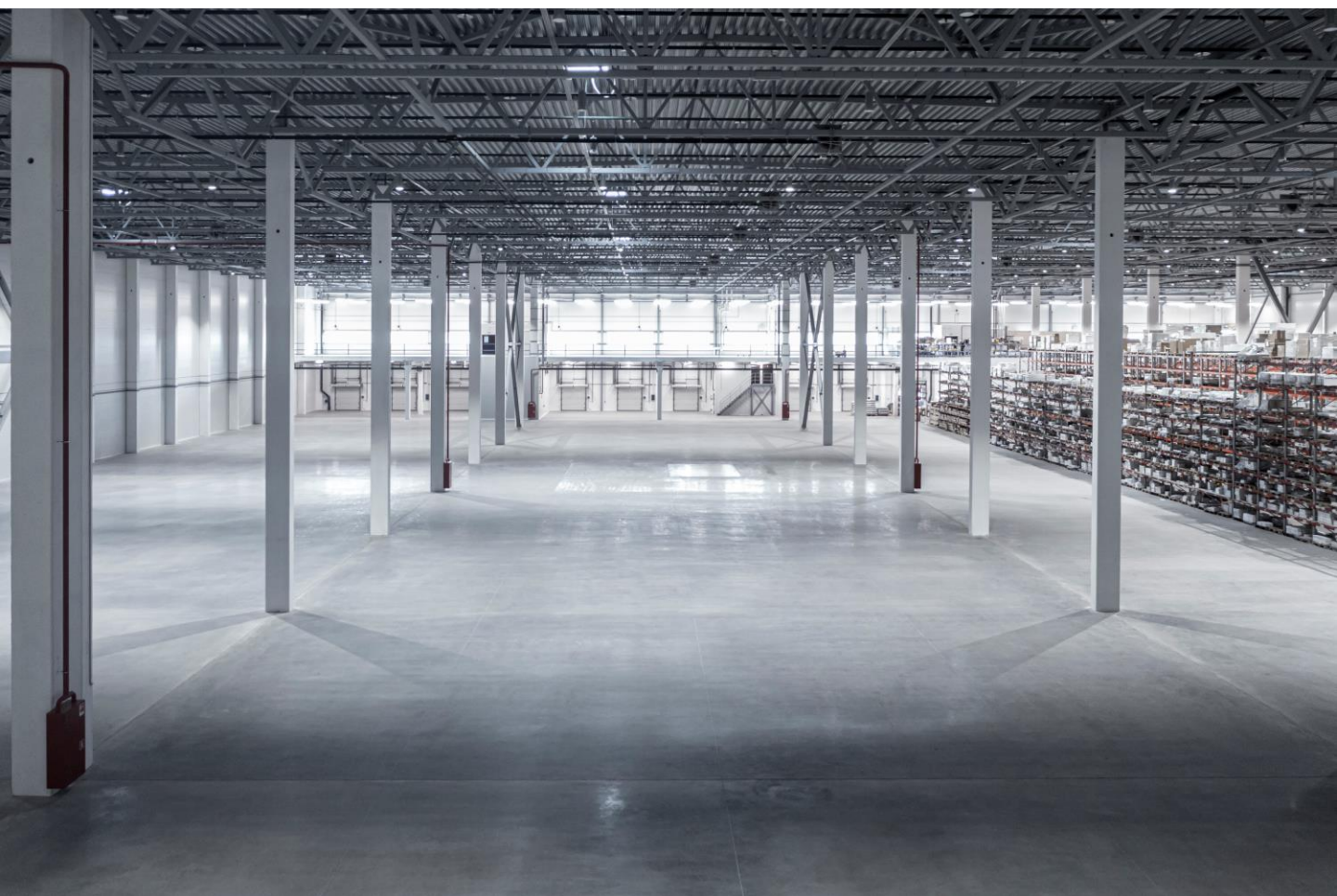
CODE	WATTAGE (W/m)	LUMEN (lm)	CCT (K)	DIMENSION mm
PFLED-D23-2700K 5M	14.4	864	2700	Ø23 X 5000
PFLED-D23-3000K 5M	14.4	922	3000	Ø23 X 5000
PFLED-D23-4000K 5M	14.4	1008	4000	Ø23 X 5000
PFLED-D23-5000K 5M	14.4	1008	5000	Ø23 X 5000
PFLED-D23-TW 5M	14.4	720	2200-5000 Tunable White	Ø23 X 5000
PFLED-D23-RGB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

Note: Accessories are separately sold, driver sold separately

Dimension



All rights reserved. Subject to change without notice. Please note that the features and specifications mentioned in this brochure may be updated or modified. For the latest information, kindly reach out to us for more information.



LED HIGHBAY

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



Industrial



Office



Transportation



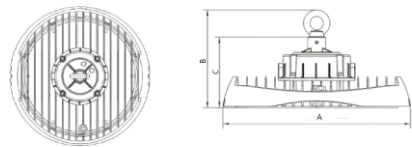
Warehouse

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		

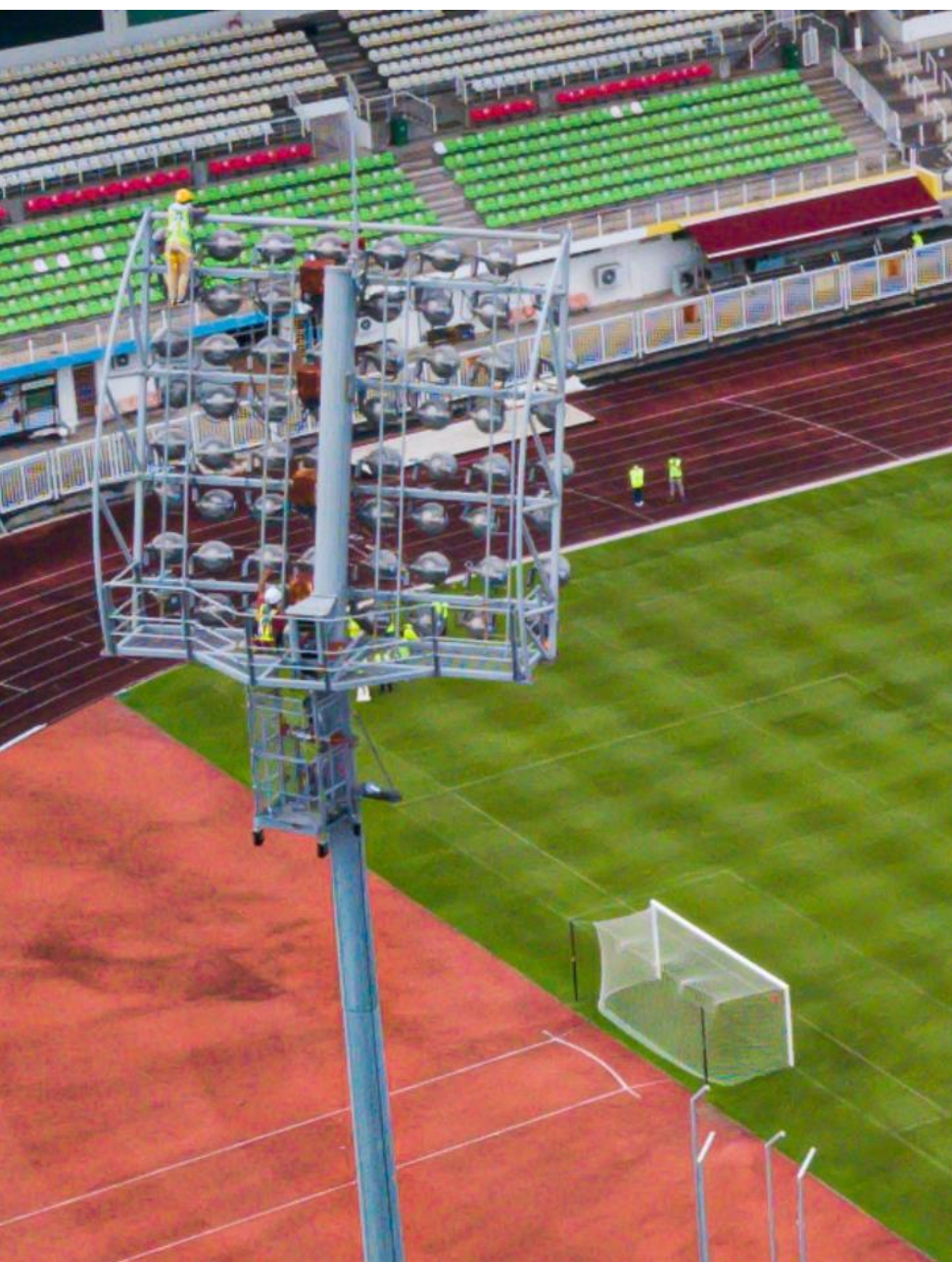
CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION mm
PLHB LED160/57 L-WB PSU IP65	100	17000	5700	WB	240 x 157.3 x 110.8
PLHB LED160/57 L-MB PSU IP65	100	17000	5700	MB	240 x 157.3 x 110.8
PLHB LED240/57 L-WB PSU IP65	150	24990	5700	WB	280 x157.3 x 110.8
PLHB LED240/57 L-MB PSU IP65	150	24990	5700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



LED AREA
FLOODLIGHT

Perfect performance for area lighting and industrial applications which ideally fit under normal and robust environments. Outstanding quality fitting and lighting performance. This product meets IP66 and IK06 standards which are suitable for outdoor use too. High-performance solution with exceptional thermal management and good uniform light distribution.



Application



Stadium



Warehouse



Transportation



Commercial



Outdoor
Parking Lot



Industrial

PFL			
System Power	100W	150W	200W
System lumen	13000lm	20000lm	28000lm
System Efficacy	140lm/W		
Input Voltage	220-240V 50/60Hz		
CRI	80		
CCT	4000K/5700K		
SDCM	5		
Power Factor	0.95		
Beam Angle	90° Symmetrical		
IP rating	IP66 / IK06		
Lifetime	50,000 L70@35°C		
Warranty	5-years		

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	BEAM ANGLE	DIMENSION mm
PLFL LED140/57 S PSU 100W IP66	100	13000	5700	90	212 x 267 x 44
PLFL LED210/57 S PSU 150W IP66	150	20000	5700	90	263 x 329 x 45
PLFL LED280/57 S PSU 200W IP66	200	28000	5700	90	314 x 390 x 50
PLFL LED140/40 S PSU 100W IP66	100	13000	4000	90	212 x 267 x 44
PLFL LED210/40 S PSU 150W IP66	150	20000	4000	90	263 x 329 x 45
PLFL LED280/40 S PSU 200W IP66	200	28000	4000	90	314 x 390 x 50

Dimension



	100W	150W	200W
L	212mm	263mm	314mm
W	267mm	329mm	390mm
H	44mm	45mm	50mm



ROAD LIGHTING

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.



Application

Commercial

Healthcare

Industrial

Transportation

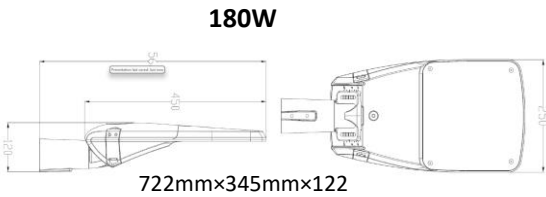
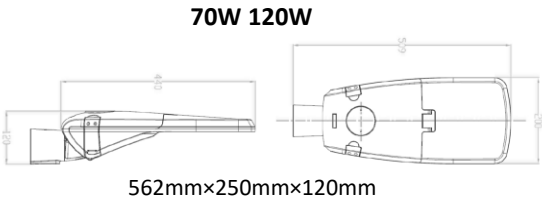
Outdoor Parking Lot

Warehouse

PFL			
System Wattage	70W	120W	180W
System Lumen	10,600lm	18,000lm	27,000lm
System Efficacy	> 150lm/W		
CRI	➤ 70		
CCT	3000K / 4000K / 5700k (optional)		
SDCM	5		
Input Voltage	220-240V 50/60Hz		
Power Factor	0.9		
Material	Die-Casting Aluminium Body + Tempered Glass		
System Ready	NEMA socket		
Surge Protection	20kV / 20kA		
IP rating	IP66 / IK09		
Lifetime	100,000 L70 (Hrs)		
Warranty	5-years		

CODE	WATTAGE (W)	LUMEN (lm)	CCT (K)	IP Rating	DIMENSION mm
PSL-70W-840-IP66	70	10,600	4000	IP66	562×250×120
PSL-70W-830-IP66	70	10,600	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-180W-840-IP66	180	27,000	4000	IP66	722×345×122
PSL-180W-830-IP66	180	27,000	3000	IP66	722×345×122

Dimension





P A S C A L

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