

Future of Led



MANUFACTURER OF LED LIGHTS

paramled.in

ABOUT US

Param LED LLP, based in Vasai, Maharashtra is the leading manufacturer of LED Luminaries in India. We have a vision of manufacturing reliable LED products, centred around sustaining our environment with the development of innovative & energy efficient lighting solutions. Having an ample space of 10,000 sq.ft, only for manufacture of LED luminaries, with necessary static provisions to maintain optimum reliability and consistency. We have all in house facilities available required to manufacture LED luminaries at our works from re-flow of LED on PCB to 100% soak tests of all the products in our range. Param LED LLP has set global standards to meet the highest expectations of every customer.

FACILITIES

- In House Pick N Place & Reflow
- Experienced & Trained Team to Follow QC System
- Laser Marking Facility
- Depanelling Machine
- Well Equipped Lab

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LED TUBE LIGHTS (ALUMINIUM)



Specifications

Power Consumption (in watt)	T5 Round	T5 Square	T8 Retrofit	WT8 Wall Mounted	Length (mm)	No. of Led's	Power Factor	THD	Surge Protection
5 Watt	√	√	-	√	300	25	≥ 0.50	N.A.	1.5kv
10Watt	√	√	√	√	600	50	≥ 0.97	< 18%	2.5 kv
20Watt	√	√	√	√	1200	100	≥ 0.97	< 18%	3kv
24Watt	-	√	√	√	1200	120	≥ 0.97	< 18%	2.5 kv
36Watt	-	-	-	√	1200	240	≥ 0.97	< 18%	2.5 kv

Efficiency	Flicker	CRI	Lumens / Watt	CCT	LED Source	Beam Angle	Housing Material	Power Requirement	Warranty
85% - 90%	less than 20%	≥ 70 Ra	100 Lms / Watt	3000K / 4000K / 6500K	2835 (26 ~ 28 lms) / LM 80 Tested	180°	PC + Aluminium	85VAC - 300VAC, 50 - 60Hz	2 years

LED TUBE LIGHTS (PLASTIC)



Plastic Led Tube Lights



Plastic Led Tube Lights Round

Specifications: Plastic LED Tube Lights

Power Consumption (in watt)	18 Watt
Shape	Round / Square
Length (mm)	1200
No. of LED's	96 or 100
Power Factor	≥ 0.97
THD	< 18%
Efficiency	85% - 90%
Flicker	Less then 20%
CRI	≥ 70 Ra
Lumens / Watt	100 Lms / Watt
CCT	3000K / 4000K / 6500K
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested
Beam Angle	180°
Housing Material	Polycarbonate
Power Requirement	85 VAC-300VAC, 50 - 60Hz
Warranty	2 years

PL LED LIGHTS (ALUMINIUM)

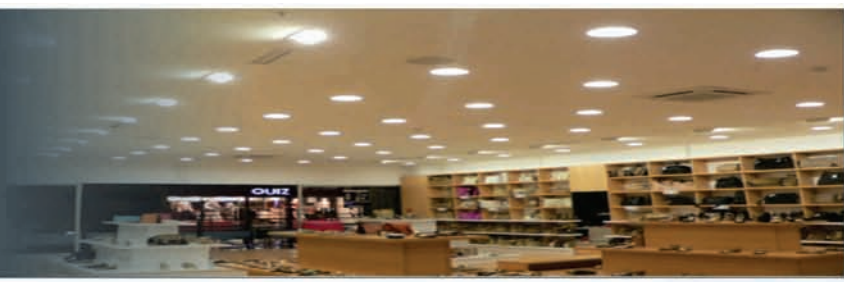


Aluminium PL Lights

Specifications: Aluminium LED Tube Lights

Power Consumption (in watt)	18 Watt
Length (mm)	420
No. of LED's	100
Power Factor	≥ 0.97
THD	$< 18\%$
Efficiency	85% - 90%
Flicker	Less then 20%
CRI	≥ 70 Ra
Surge Protection	2 kv
Lumens / Watt	100 Lms / Watt
CCT	3000K / 4000K / 6500K
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested
Beam Angle	180°
Housing Material	PC + Aluminium
Power Requirement	85 VAC-300VAC, 50 - 60Hz
Warranty	2 years

LED PANEL LIGHTS



Rayz Round Panel Lights



Rayz Square Panel Light

Specifications

Power Consumption (in watt)	3 Watt		6 Watt		9 Watt		12 Watt		15 Watt		18 Watt		24 Watt	
Shape	RD	SQ	RD	SQ	RD	SQ	RD	SQ	RD	SQ	RD	SQ	RD	SQ
Cutout Size (mm)	70	70*70	100	100*100	130	130*130	150	150*150	175	175*175	200	200*200	280	280*280
Outer Size (mm)	80	80*80	120	120*120	150	150*150	170	170*170	190	190*190	225	225*225	300	300*300
No. of LED's	15		30		45		60		75		90		120	
Power Factor	≥ 0.50		≥ 0.97		≥ 0.97		≥ 0.97		≥ 0.97		≥ 0.97		≥ 0.97	
THD	N.A.		< 18%		< 18%		< 18%		< 18%		< 18%		< 18%	
Efficiency	70% - 75%		85% - 90%		85% - 90%		85% - 90%		85% - 90%		85% - 90%		85% - 90%	
Flicker	Less than 20%													
CRI	≥ 70 Ra													
Surge Protection	2.5 kv													
Lumens / Watt	100 Lms / Watt													
CCT	3000K / 4000K / 6500K													
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested													
Beam Angle	120°													
Housing Material	Aluminium													
LGP - Light Guiding Panel	Acrylic													
Power Requirement	85 VAC-300VAC, 50Hz													
Warranty	2 years													

OPTIMA SMALL RIM PANEL LIGHTS



Optima Small Rim
(Round)



Optima Small Rim
(Square)



Specifications

Power Consumption(in watt)	6 Watt		12 Watt		18 Watt		24 Watt	
Shape	RD	SQ	RD	SQ	RD	SQ	RD	SQ
Cutout Size (mm)	65	65*65	120	120*120	150	150*150	200	200*200
Outer Size (mm)	90	90*90	145	145*145	175	175*175	225	225*225
No. of LED's	30		60		90		120	
Power Factor	≥ 0.97							
THD	< 18%							
Efficiency	85% - 90%							
Flicker	Less then 20%							
CRI	≥ 70 Ra							
Surge Protection	2.5 kv							
Lumens / Watt	100 Lms / Watt							
CCT	3000K / 4000K / 6500K							
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested							
Beam Angle	120°							
Housing Material	Aluminium							
LGP - Light Guiding Panel	Acrylic							
Power Requirement	85 VAC-300VAC, 50Hz							
Warranty	2 years							

SPLENZ ROUND / SQUARE PANEL LIGHTS



Splenz Round Panel Lights



Splenz Square Panel Lights

Specifications

Power Consumption (in Watt)	3 Watt		6 Watt		9 Watt		12 Watt		18 Watt	
Shape	RD	SQ	RD	SQ	RD	SQ	RD	SQ	RD	SQ
Cutout Size (mm)	70	70*70	100	100*100	130	130*130	155	155*155	205	205*205
Outer Size (mm)	85	85*85	120	120*120	145	145*145	170	170*170	225	225*225
No. of LED's	15		30		45		60		90	
Power Factor	≥ 0.50		≥ 0.97		≥ 0.97		≥ 0.97		≥ 0.97	
THD	N.A.		< 18%		< 18%		< 18%		< 18%	
Efficiency	70% - 75%		85% - 90%		85% - 90%		85% - 90%		85% - 90%	
Flicker	Less than 20%									
CRI	≥ 70 Ra									
Surge Protection	2.5 kv									
Lumens / Watt	100 Lms / Watt									
CCT	3000K / 4000K / 6500K									
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested									
Beam Angle	120°									
Housing Material	Aluminium									
LGP - Light Guiding Panel	Acrylic									
Power Requirement	85 VAC-300VAC, 50Hz									
Warranty	2 years									

SLIM PANEL LIGHTS



2x2



1x2

Specifications

Power Consumption (in watt)	20w (300*600)	40w (600*600)	48w (300*1200)
Outer Size (mm)	295*595	595*595	295*1195
No. of Led's	100	200	240
Power Factor	≥ 0.97		
THD	< 18%		
Efficiency	85% - 90%		
Flicker	Less then 20%		
CRI	≥ 70 Ra		
Surge Protection	2.5 kv		
Lumens / Watt	100 Lms / Watt		
CCT	3000K / 4000K / 6500K		
LED Source	2835 (24 ~ 28 lms) / LM 80 Tested		
Beam Angle	120°		
Housing Material	Aluminium		
LGP - Light Guiding Panel	P.S		
Power Requirement	85 VAC-300VAC, 50Hz		
Warranty	2 years		

COB DOWN LIGHTS



Specifications

Power Consumption (In Watts)	3w / 5w	5w / 7w	9w / 12w	12w / 18w
Cutout Size (mm)	55	70	95	120
Face * Depth size (mm)	65*35	85*45	110*60	138*75
COB Ring Size (mm)	10.3	10.3	10.3	10.3
Optical Cover	Transparent / Semi Diffused / Diffused			
Power Factor	≥ 0.50	≥ 0.97	≥ 0.97	≥ 0.97
THD	N.A.	< 18%	< 18%	< 18%
Efficiency	70% - 75%	85% - 90%	85% - 90%	85% - 90%
Flicker		less than 20%		
CRI		> 70 Ra		
Surge Protection	2.5 kv			
Lumens / Watt	100 Lms / Watt			
CCT	3000K / 4000K / 6500K			
LED Source	COB			
Beam Angle	30°			
Housing Material	Aluminium			
Power Requirement	85 VAC-300VAC, 50Hz			
Warranty	2 years			

STREET LIGHTS



AUREO SERIES



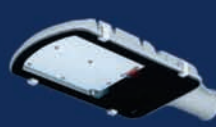
A SL15W /SL18W/SL20W



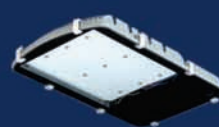
A SL24W/SL30W/SL40W



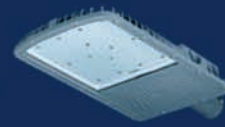
A SL50W/SL60W/SL72W



A SL90W/SL110W



A SL150W



A SL180W/SL220W

Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
A SL15W /SL18W/SL20W	15W 18W 20W	3030LED	3000k/4000k/6500k	1500lm/1500lm/2000lm	120*	>0.95	Ip65
A SL24W/SL30W/SL40W	24W 30W 40W	3030LED	3000k/4000k/6500k	2400lm/3000lm/ 4000ml	120*	>0.95	Ip65
A SL50W/SL60W/SL72W	50W 60W 72W	3030LED	3000k/4000k/6500k	5000lm/6000lm/7200lm	120*	>0.95	Ip65
A SL90W/SL110W	90W 110W	3030LED	3000k/4000k/6500k	9000lm/11000lm	120*	>0.95	Ip65
A SL150W	150W	3030LED	3000k/4000k/6500k	15000lm	120*	>0.95	Ip65
A SL180W/SL220W	180W 220W	3030LED	3000k/4000k/6500k	18000lm/22000lm	120*	>0.95	Ip65

AUREO+ SERIES



A+ SL20W



A+ SL24W/SL40W



A+ SL50W/SL72W



A+ SL90W/SL110W



A+ SL150W/SL180W



A+ SL180W/SL200W

Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
A+ SL20W	20W	Oslon LED	3000k/4000k/6500k	2000lm	120*	>0.95	Ip65
A+ SL24W/SL40W	24W 40W	Oslon LED	3000k/4000k/6500k	2400lm / 4000lm	120*	>0.95	Ip65
A+ SL50W/SL72W	50W 72W	Oslon LED	3000k/4000k/6500k	5000lm / 7200lm	120*	>0.95	Ip65
A+ SL90W/SL110W	90W 110W	Oslon LED	3000k/4000k/6500k	9000lm/11000lm	120*	>0.95	Ip65
A+ SL150W/SL180W	150W 180W	Oslon LED	3000k/4000k/6500k	15000lm / 18000lm	120*	>0.95	Ip65
A+ SL180W/SL200W	180W 200W	Oslon LED	3000k/4000k/6500k	18000lm/20000lm	120*	>0.95	Ip65

FLOOD LIGHTS



ELEGENZA SERIES



Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
E FL30W	30W	3030LED	3000k/4000k/6500k	3000lm	120*	>0.95	Ip65
E FL50W/FL60W	50W 60W	3030LED	3000k/4000k/6500k	5000lm/6000lm	120*	>0.95	Ip65

ELEGENZA+SERIES



Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
E+ FL50W/FL60W/FL72W	50W 60W 72W	3030LED	3000k/4000k/6500k	5000lm/6000lm/7200lm	120*	>0.95	Ip65
E+ FL90W/FL110W	90W 110W	3030LED	3000k/4000k/6500k	9000lm/11000lm	120*	>0.95	Ip65
E+ FL150W/FL180W/FL200W	150W/180W/200W	3030LED	3000k/4000k/6500k	15000lm/18000lm/20000lm	120*	>0.95	Ip65
E+ FL350W/FL400W	350W 400W	3030LED	3000k/4000k/6500k	35000lm/40000lm	120*	>0.95	Ip65

ELEGENZA++SERIES



Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
E++ FL60W/72W	60W 72W	Oslon LED	3000k/4000k/6500k	5000lm/6000lm/7200lm	50*-70*	>0.95	Ip65
E++ FL90W/FL110W	90W 110W	Oslon LED	3000k/4000k/6500k	9000lm/11000lm	50*-70*	>0.95	Ip65
E++ FL150W/FL180	150W 180W	Oslon LED	3000k/4000k/6500k	15000lm/18000lm	50*-70*	>0.95	Ip65

HIGH BAY LIGHTS



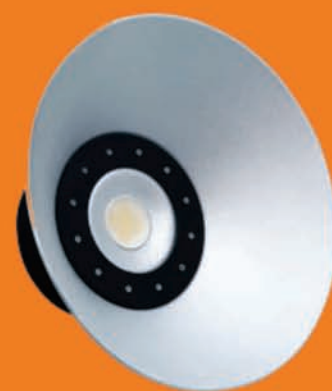
BEACON SERIES



B HBL50W



B HBL150W/HL200W



B HBL-MIDBAY

Specifications

Model No	Wattage	Light Source	CCT	Lumen Output	LED Beam Angle	Power Factor	IP Rating
B HBL50W	50W	COB	3000k/4000k/6500k	5000lm	60*-120*	>0.95	Ip40
B HBL150W/HL200W	150W	3030LED	3000k/4000k/6500k	5000lm	60*-120*	>0.95	Ip65
B HBL-MIDBAY	25W	Philips DLM	3000k/4000k/6500k	2000lm	60*-120*	>0.95	Ip40

BOLLARD SERIES



Decora STICK



Decora NEO



Decora BAMBOO

Specifications

Model No	Wattage	Light Source	CCT	IP Rating	Pole Size	Diffuser	Colour	Height
GL Decore Stick	7W	Philips Jupiter	3000k/4000k/5000k/6000k	Ip65	75mm Aluminium	Milky Acrylic	Black/ Grey/ Graphite	600 mm/ 1000 mm
GL Decore Neo	7W	Philips Jupiter	3000k/4000k/5000k/6000k	Ip65	50mm Aluminium	Milky Acrylic	Black/ Grey/ Graphite	1200mm
GL Decore Bamboo	11W	Philips Jupiter	3000k/4000k/5000k/6000k	Ip65	100mm Aluminium	Milky Acrylic	Black/ Grey/ Graphite	600 mm/ 1000 mm



PARAM
innovating Lights

Manufacturers of LED Tube Luminaires

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