

light creates colour...



SHORT FORM
LIGHTING CATALOGUE

2020/21

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GENLUX LIGHTING

ABOUT US

We as Genlux Lighting are one of the leading local manufacturers of high performance outdoor, commercial, industrial and roadway lighting continuously striving to incorporate local and international best available technologies in our products.

With this commitment to “B.A.T” (Best Available Technology) in our product range we have aligned ourselves with local and international technology partners to ensure that we meet all relevant technical standards, ensuring that we supply our customers with the highest quality products on time and at a competitive market related price. We are also proud to be 100% South African owned and managed.

Genlux Lighting has a strong focus on continuous improvement throughout the organisation which is reflected through the on-going optimisation of our current lighting range and the identification, sourcing and introduction of new lighting technologies to the South African market.

CERTIFICATION







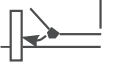


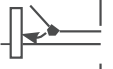








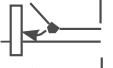


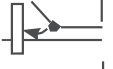

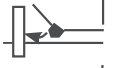

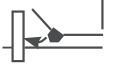
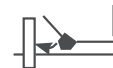

Errors and omissions excepted

Important note:

Due to the rapid development in LED technology the performance values, power consumption and lumen output levels stated herewithin are subject to change without prior notice.

Technical changes and printing errors reserved

INGRESS PROTECTION AND IMPACT PROTECTION GLOSSARY

IP	1st Figure Solid Particle Protection	IP	2nd Figure Liquid Particle Protection	IK	Mechanical Impact Resistance
0	 No Protection.	0	 No Protection.	00	0.0J No Protection.
1	 Any large surface of the body > 50mm, such as the back of a hand.	1	 Dripping water (vertically falling drops).	01	0.15J 
2	 Fingers or similar objects >12.5mm.	2	 Water dripping at any angle up to 15° from the vertical.	02	0.20J 
3	 Tools, thick wires, etc. >2.5mm.	3	 Water falling as a spray at any angle up to 60° from the vertical.	03	0.35J 
4	 Most wires, screws, etc. >1mm.	4	 Water splashing from any direction.	04	0.50J 
5	 Protected against dust.	5	 Water projected by a nozzle from any direction.	05	0.70J 
6	 No ingress of dust. (dust tight).	6	 Water projected in powerful jets from any direction.	06	1.00J 
		7	 Immersion in water.	07	2.00J 
		8	 Continuous and prolonged immersion in water.	08	5.00J 
				09	10.00J 
				10	20.00J 

SYMBOL GLOSSARY

IPXX		1-10V	
Ingress Protection Rating	Class I Insulation Classification	Dimming Protocol	Suitable to be mounted on normally flammable surfaces
IKXX	UGR <19	EMG	
Impact Protection Rating	Unified Glare Rating	Emergency Compatible	
			
DALI Compatible	DALI D4i Compatible		

LED ROADWAY LIGHTING

GEN ZERO



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
26	4 285	Light-weight, high-pressure die-cast LM6 powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses and open-protocol LMS systems compatible. Rear fixed spigot entry. LIFETIME: Up to 100 000 hours @ L90 B10
30	4 850	
35	5 410	
39	5 947	
43	6 481	
52	8 570	
60	9 699	
68	10 807	
76	11 895	
110	16 000	

GEN I



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
25	3 312	High-pressure die-cast LM6 powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses and open-protocol LMS systems compatible. Rear or bottom adjustable spigot entry. LIFETIME: Up to 100 000 hours @ L90 B10
30	3 712	
40	4 672	
56	6 112	
51	6 624	
80	9 504	
98	10 944	
111	12 224	
76	9 936	
120	14 016	
155	18 208	

GEN II



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
155	19 053	High-pressure die-cast LM6 powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses and open-protocol LMS systems compatible. Rear or bottom adjustable spigot entry. LIFETIME: Up to 100 000 hours @ L90 B10
184	23 184	
206	25 404	
220	26 736	
270	31 620	
170	23 153	

Technical changes and printing errors reserved • Errors and Omissions Excepted

Lifetime based on LED manufacturers reported data and could vary, dependant on installation, application, power supply and components used

LED OUTDOOR LIGHTING

KRATOS



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
215	25 661	High-pressure die-cast powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses. Multiple head configurations available with adjustable stirrup mounting systems. LIFETIME: Up to 100 000 hours @ L90 B10
244	29 883	
330	41 477	
430	51 321	
488	59 766	
645	76 982	
733	89 649	
661	82 954	
859	102 642	
977	119 532	

GEN I FLOOD



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
25	3 549	High-pressure die-cast LM6 powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses. LIFETIME: Up to 100 000 hours @ L90 B10
40	4 672	
111	12 224	
120	14 016	
155	18 208	

GEN II FLOOD



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
155	19 053	High-pressure die-cast LM6 powder coated aluminium with a clear tempered glass diffuser, Zhaga compliant lenses. LIFETIME: Up to 100 000 hours @ L90 B10
206	25 404	
270	31 620	
252	31 200	
280	33 212	

INDUSTRIAL LED LIGHTING

VULCAN LED



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	High-pressure die-cast LM6 aluminium with a high-impact acrylic diffuser with internal prisms. Mounted on external foot pads.
35	4 630	
50	6 945	
70	9 260	LIFETIME: Up to 50 000 hours @ L80 B20

VULCAN EVO



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	High-pressure die-cast LM6 powder coated aluminium with a tempered glass diffuser. Mounted on external foot pads.
20	2 500	
25	3 100	
35	4 200	
55	5 850	LIFETIME: Up to 50 000 hours @ L80 B20
70	8 400	

CHI EVO



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	UV stabilised and impact-resistant, grey polycarbonate body, UV stabilised and impact-resistant, translucent, polycarbonate diffuser and a rolled steel sheet metal reflector. Zone 2 / 22 version and different mounting options also available.
10	1 260	
12	1 510	
15	1 950	
18	2 320	
22	2 860	
30	3 920	
43	5 650	
22	2 810	
27	3 230	
37	4 940	
54	7 090	LIFETIME: Up to 50 000 hours @ L90 B10

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OUTDOOR LED LIGHTING

NEPTUNE



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
17	2 280	High-pressure die-cast LM6 powder coated aluminium base with high-impact opal or clear acrylic diffuser and powder coated aluminium lid. LIFETIME: Up to 60 000 hours @ L80 B20
28	2 687	
35	4 004	
50	6 820	

VENUS



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
10	760	High-pressure die-cast LM6 powder coated aluminium body with high-impact opal or prismatic acrylic diffuser. Optional trim rings available. LIFETIME: Up to 50 000 hours @ L80 B20
15	1 140	
20	1 520	

VESTA



LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
10	800	High-pressure die-cast LM6 powder coated aluminium body with high-impact opal acrylic diffuser, in dome or flat option. LIFETIME: Up to 50 000 hours @ L80 B20
15	1 176	
20	1 568	

INDOOR LED LIGHTING

ADELIA



IP40



EMG

LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
35	4 400	Mild steel, powder coated, mild steel sheet body with a high-impact opal acrylic diffuser. Recessed or surface mounted.
50	6 520	

MILA



IP66



IK10

EMG

LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
18	2 300	UV stabilised and impact-resistant, grey polycarbonate body, UV stabilised and impact-resistant with aluminium coolers, with a translucent, polycarbonate diffuser and a rolled steel sheet metal reflector. High and low temperature resistant and vapour-proof options also available. Different mounting options available.
22	2 850	
30	3 920	
35	4 570	
42	5 620	
58	7 860	
85	11 660	
44	5 750	
53	7 030	
71	9 620	
106	14 580	LIFETIME: Up to 50 000 hours @ L90 B10

ALENA



IP40



EMG

LED Options:		Key Technical Information:
Wattage (W)	Lumen output (lm)	
12	1 250	White steel body with a UV stabilised and impact-resistant translucent, polycarbonate diffuser, and white ABS side covers.
22	2 360	
27	4 640	
42	4 750	
44	2 910	
53	5 800	LIFETIME: Up to 50 000 hours @ L90 B10

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