

LED LIGHTING CATALOGUE

2020 - 1



www.crescentlighting.in

ABOUT CRESCENT OPTO PVT. LTD.

Ankur Mehta is the Founder & CMD of India's leading LED brand **Crescent** (Crescent Opto Pvt. Ltd.)

In 1975 Madhusudan Mehta started Mehta Electric Co. at Surat, as a Distributor of few big brands of Electrical Industry. Slowly he developed MEC as one of the largest electrical products distribution house in Gujarat. His son Ankur Mehta grown with business in his DNA, but he had different ideas & vision.

Ankur Mehta entered in Lighting business on his own, parallel to his father's legacy. In 2008, he started importing and selling LED Lights in the name of Sigma, in Gujarat and neighbouring states. Slowly he started his own manufacturing in Mumbai and then in Surat. He had a dream vision of creating his own manufacturing facility, where he could produce LED Lights, as a commodity product and at a better price than the Chinese manufacturers. Also to develop a brand, which should be user centric and "Quality with Price".

The brand name "Crescent" came in existence in the year 2015. The company Crescent Opto Pvt. Ltd. was incepted in Apr'2018. Now by 2019, COPL has their four own manufacturing facilities of LED Lights at Mumbai and Surat. That includes Die-casting, Injection Molding, Drivers and four Assembly Units for final finished products. As a policy, Crescent does not make Bulbs and PC Battens. Other than this, Crescent has one of the largest product baskets, in Indian Lighting industry.

In Feb' 2016 Mr. Shobhan Savai, one of the highly technical professionals in Electricals & Electronics Industry, Joined crescent. He started developing products after products, to cater more and more customers. The target was "Value for money" products and to set the benchmark of lowest replacement in LED industry, where replacement is the biggest issue.

In July'2019, Mr. Sanjay Choudhary one of the stalwart of Lighting Industry, Joined Crescent .Mr. Choudhary has the credentials of launching and establishing four lighting brands in Indian market. Now he has set the new goals to establish Crescent as "The Biggest" sales network, with the best "Sales Team" in Indian lighting industries.

Crescent is one of the most backward integrated manufacturing company in LED Lighting industry of India. Crescent is all set to launch their Commodity Product range, with a Tagline of BTC (Beat The Chinese). The idea is to provide various range of "Made in India" LED Lighting products as "Indian Quality" with better than "Chinese Price".

Crescent is also ready to launch "Crescent Smart" as a new vertical by Jan'2020, where company will introduce "Lighting with Automation". Here, one can control "Crescent Smart" products through Mobile Application.


Team Crescent feels, it's "Just a Beginning" and "Miles to Go"!!!

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Note :

- Material Dispatch from Vasai Factory.
- Material Dispatch from Surat Factory.
- 📦 Material Dispatch in Industrial Packaging



Model 	CRD 50 / B Aqua Backlit Panel		
Power Consumption	12w	18w	24w
Cutout Dimension (mm)	125	150	175
LED Color Temperature	3000, 4000, 6500		
Optical Cover	Polycarbonate		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	1200	1800	2400
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.95		

Specially for continuous working (Like : Malls, Medical Stores, Hospitals etc.)



Model	CRD 90 Hydrogen Polycarbonate Panel - Screwless Design		
Power Consumption	8w	15w	22w
Coutout (mm)	98	152	188
LED Color Temperature	3000, 4000, 6500		
Optical Cover	Polycarbonate		
Housing Material	Polycarbonate		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	800	1500	2200
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.95		



Model	SG 260 Oxygen Polycarbonate Panel			
Power Consumption	9w	12w	15w	22w
Coutout (mm)	105	125	140	195
LED Color Temperature	3000, 6500			
Optical Cover	Polycarbonate			
Housing Material	Polycarbonate			
Power Requirement	AC 140 - 280v, 50 - 60Hz			
Luminous Flux (Lm)	810	1080	1350	1980
CRI	≥ 80 Ra			
Operation Temperature	0° - +50° C			
Driver	Integral Driver			
Power Factor	> 0.95			

SG 110 - 3 Step Panel



Model	SG 110 - 3 Step Panel		
Power Consumption	6w	12w	18w
LED Color Temperature	WH + WW + NW		
Cutout (mm)	108	155	205
Optical Cover	PS Diffuser		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 100 - 240v, 50 - 60Hz		
Luminous Flux (Lm)	540	1080	1620
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.50		

SG 110 Premium Slim Panel



Model	SG 110 Sigma Premium Slim Panel				
Power Consumption	3w	6w	12w	15w	18w
LED Color Temperature	2700, 4000, 6500 , (R, G, B 3w Only)				
Dimension (mm)	75	108	155	155	205
Optical Cover	PS Diffuser				
Housing Material	Aluminium Pressure Die-cast				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	240	480	960	1200	1440
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	External Driver				
Power Factor	> 0.50		> 0.95		

SG 210 Premium Surface Panel



Model	SG 210 Premium Surface Panel		
Power Consumption	6w	12w	18w
LED Color Temperature	2700, 4000, 6500		
Dimension (mm)	110	160	210
Optical Cover	PS Diffuser		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 100 - 240v, 50 - 60Hz		
Luminous Flux (Lm)	480	960	1440
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.50	> 0.95	

SG 810 Rimless Recess Panel


Model	SG 810 Rimless Recess Panel				
Power Consumption	7w	10w	15w	20w	24w
LED Color Temperature	4000, 6500				
Cutout (mm) SQ / RD	75 / 75	98 / 85	129 / 129	155 / 155	205 / 205
Optical Cover	PS Diffuser				
Housing Material	Aluminium Pressure Die-cast (Frame - PC)				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	630	900	1350	1800	2160
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	External Driver				
Power Factor	> 0.50				

SG 910 Rimless Surface Panel


Model	SG 910 Rimless Surface Panel				
Power Consumption	7w	10w	15w	20w	24w
LED Color Temperature	4000, 6500				
Cutout (mm) SQ / RD	95 / 97	120 / 120	145 / 145	170 / 170	220 / 220
Optical Cover	PS Diffuser				
Housing Material	Aluminium Pressure Die-cast (Frame - PC)				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	630	900	1350	1800	2160
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	External Driver				
Power Factor	> 0.50				

SG 510 Two Color Step Panel




SG 610 Surface Two Color Step Panel



Model	SG 510 Two Color Step Panel				SG 610 Surface Two Color Step Panel		
Power Consumption	4w	6w	12w	18w	6w	12w	18w
LED Color Temperature	White + (Blue, Green, Orange, Pink)				White + (Blue, Pink)		
Dimension (mm) SQ / RD	50	73/68	103/106	153/156	107	147	197
Optical Cover	PS Diffuser						
Housing Material	Aluminium Pressure Die-cast						
Power Requirement	AC 100 - 240v, 50 - 60Hz						
Luminous Flux (Lm)	320	480	960	1440	480	960	1440
CRI	≥ 80 Ra						
Operation Temperature	0° - +50° C						
Driver	External Driver						
Power Factor	> 0.50						



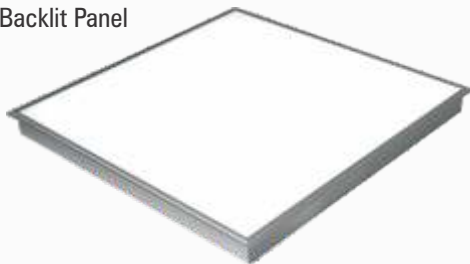
Model 	CRD 60 Surface Backlit Panel						
Shape	Square			Round			
Power Consumption	18w	30w	48w	6w	12w	18w	24w
Outer Dimension (mm)	178	250	280	93	123	143	173
LED Color Temperature	3000, 4000, 6500						
Optical Cover	PS Diffuser						
Housing Material	Aluminium Pressure Die-cast			Aluminium Spinning			
Power Requirement	AC 140 - 280v, 50 - 60Hz						
Luminous Flux (Lm)	1800	3000	4800	600	1200	1800	2400
CRI	≥ 80 Ra						
Operation Temperature	0° - +50° C						
Driver	External Driver						
Power Factor	> 0.95						


SG 110 Slim Mirror Optic



Model	SG 110 Slim Mirror Optic	
Power Consumption	24w (1 x 1)	48w (2 x 2)
LED Color Temperature	6500	
Outer Dimension (mm)	295 x 295	595 x 595
Optical Cover	PS Diffuser	
Housing Material	Aluminium Sheet Metal	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	2160	4320
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.95	

CRM 10 Surface Backlit Panel



Model 	CRM 10 Surface Backlit Panel	
Power Consumption	36w	48w
LED Color Temperature	3000, 4000, 6500	
Outer Dimension (mm)	595 x 595	
Optical Cover	PS Diffuser	
Housing Material	Aluminium Sheet Metal	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	3600	4800
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.95	

PLUTO



Model	CRC 40 LED COB Pluto Junction Box	
Power Consumption	3w (JB)	5w (JB)
Cutout Dimension (mm)	50	75
Height Dimension (mm)	40	55
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue, Pink	
Optical Cover	Polycarbonate	
Housing Material	Polycarbonate	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	315	525
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.50	


IGNIS



Model	SG 240 Ignis Down Light		
Power Consumption	3w (JB)	6w (JB)	12w
Cutout Dimension (mm)	45	80	120
LED Color Temperature	2700, 4000, 6500, Red, Green, Blue, Pink		2700, 4000, 6500
Optical Cover	Polycarbonate		
Housing Material	Polycarbonate		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	270	540	1080
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.50		

CRC 10 - Z COB



Model 	CRC 10 - Z COB		
Power Consumption	12w	30w	45w
Cutout Dimension (mm)	85	140	175
LED Color Temperature	3000, 4000, 6500		
Optical Cover	Transparent		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	1440	3600	5400
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.95		


CRC 10 COB



Reflector
DARKOO[®]
Optics

60°



Model 	CRC 10 COB							
Power Consumption	6w	9w	12w	16w	20w	24w	30w	36w
Outer Dimension (mm)	102	102	125	125	125	148	148	171
Cutout Dimension (mm)	86	86	110	110	110	132	132	154
LED Color Temperature	3000, 4000, 6500							
Optical Cover	Transparent							
Housing Material	Aluminium Pressure Die-cast							
Power Requirement	AC 140 - 280v, 50 - 60Hz							
Luminous Flux (Lm)	660	990	1320	1760	2200	2440	3300	3960
CRI	≥ 80 Ra							
Operation Temperature	0° - +50° C							
Driver	External Driver							
Power Factor	> 0.95							

CRC 50 Movable COB



Model	CRC 50 Movable COB									
Power Consumption	1w	3w	6w	9w	12w	16w	24w	30w	40w	50w
LED Color Temperature	2700, 4000, 6500				[(Red, Green, Blue) only in 1w & 3w]					
Cutout (mm)	38	51	64	64	95	95	108	119	119	119
Optical Cover	Transparent									
Housing Material	Aluminium Pressure Die-cast									
Power Requirement	AC 100 - 240v, 50 - 60Hz									
Luminous Flux (Lm)	100	300	600	900	1200	1600	2400	3000	4000	5000
CRI	≥ 80 Ra									
Operation Temperature	0° - +50° C									
Driver	External Driver									
Power Factor	> 0.65									

LYCRA



Model	CRC 70 LED COB	
Power Consumption	3w	6w
Cutout Dimension (mm)	26	46
Outer Dimension (mm)	35	55
Height Dimension (mm)	50	60
LED Color Temperature	2700, 4000, 6500	
Optical Cover	Transparent	
Housing Material	Aluminium Pressure Die-cast	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	330	660
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.50	



Model	CRC 20/A Silk LED COB					
Power Consumption	3w	6w	10w	15w	20w	30w
Cutout Dimension (mm)	38	52	65	75	90	110
Outer Dimension (mm)	45	60	75	83	98	120
Height Dimension (mm)	40	56	70	80	100	130
LED Color Temperature	2700, 4000, 6500					
Optical Cover	Transparent					
Housing Material	Aluminium Pressure Die-cast					
Power Requirement	AC 140 - 280v, 50 - 60Hz					
Luminous Flux (Lm)	330	660	1100	1650	2200	3300
CRI	≥ 80 Ra					
Operation Temperature	0° - +50° C					
Driver	External Driver					
Power Factor	> 0.50			> 0.90		



Model	CRC 20/B Cotton LED COB		
Power Consumption	3w	5w	12w
Cutout Dimension (mm)	55	71	83
Outer Dimension (mm)	60	86	95
Height Dimension (mm)	53	76	86
LED Color Temperature	2700, 4000, 6500		
Optical Cover	Transparent		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	330	550	1320
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	External Driver		
Power Factor	> 0.50	> 0.90	

CRC 80 Venus



Model	CRC 80 Venus Junction Box COB
Power Consumption	7w + 7w (JB)
LED Color Temperature	White + (Warm White, Red, Green, Blue, Pink, Purple)
Cutout (mm)	75
Optical Cover	PS Diffuser
Housing Material	Polycarbonate
Power Requirement	AC 85 - 285v, 50 - 60Hz
Luminous Flux (Lm)	560
CRI	≥ 80 Ra
Operation Temperature	0° - + 50° C
Driver	Integral Driver
Power Factor	> 0.60

CRC 100 Mars



Model	CRC 100 Mars Junction Box COB
Power Consumption	7w + 7w (JB)
LED Color Temperature	White + (Warm White, Red, Green, Blue, Pink, Purple)
Cutout (mm)	45
Optical Cover	PS Diffuser
Housing Material	Polycarbonate
Power Requirement	AC 85 - 285v, 50 - 60Hz
Luminous Flux (Lm)	560
CRI	≥ 80 Ra
Operation Temperature	0° - + 50° C
Driver	Integral Driver
Power Factor	> 0.60

CRC 90 Mercury



Model	CRC 90 Mercury Spot Light
Power Consumption	1w
LED Color Temperature	White, Warm White, Red, Green, Blue, Pink
Cutout Dimension (mm)	32
Optical Cover	PS Diffuser
Housing Material	Polycarbonate
Power Requirement	AC 116 - 260v, 50 - 60Hz
Luminous Flux (Lm)	80
CRI	≥ 80 Ra
Operation Temperature	0° - + 50° C
Driver	Integral Driver
Power Factor	> 0.90

CRC 60/A Fix COB



CRC 60/B Fix COB



Model	CRC 60/A Fix COB		CRC 60/B Surface COB	
Power Consumption	1w	3w	3w	5w
LED Color Temperature	2700, 6500, Red, Green, Blue		2700, 6500	
Dimension (mm) RD / SQ	24 / 31	32 / 42	60 / 64	- / 75
Optical Cover	Transparent			
Housing Material	Aluminium Pressure Die-cast			
Power Requirement	AC 100 - 240v, 50 - 60Hz			
Luminous Flux (Lm)	100	300	300	500
CRI	≥ 80 Ra			
Operation Temperature	0° - +50° C			
Driver	External Driver			
Power Factor	> 0.65			

CRC 50 - Z

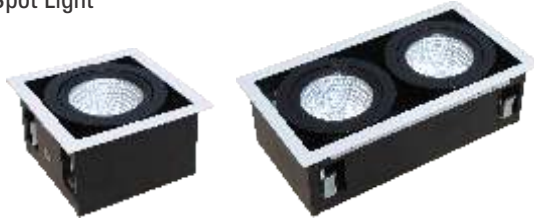



Model	CRC 50 - Z Zoom COB	
Power Consumption	14w	24w
LED Color Temperature	2700, 6500	
Dimension (mm)	116	140
Optical Cover	Transparent	
Housing Material	Aluminium Pressure Die-cast	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	1400	2400
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.65	

CRC 50 - SF




Model	CRC 50-SF Surface COB	
Power Consumption	16w	30w
LED Color Temperature	2700, 6500	
Dimension (mm)	120	120
Optical Cover	Transparent	
Housing Material	Aluminium Pressure Die-cast	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	1600	3000
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.65	

CRC QR 111 Spot Light


Model 	CRC QR 111 Spot Light			
Power Consumption	12w	12w x 2	20w	20w x 2
LED Color Temperature	3000, 4000, 6500			
Cutout (mm)	115	115 x 215	135	135 x 255
Height (mm)	135 x 135 x 78	240 x 135 x 78	157 x 157 x 93	280 x 157 x 93
Locking Height (mm)	15	15	30	30
Optical Cover	Transparent			
Housing Material	Aluminium Pressure Die-cast			
Power Requirement	AC 100 - 240v, 50 - 60Hz			
Luminous Flux (Lm)	1320	2640	2200	4400
CRI	≥ 80 Ra			
Operation Temperature	0° - +50° C			
Driver	Integral Driver			
Power Factor	> 0.95			

CRC MR16 Spot Light


Model 	CRC MR16 Spot Light
Power Consumption	10w
LED Color Temperature	3000, 4000, 6500
Cutout (mm)	148
Outer (mm)	150
Height (mm)	70
Optical Cover	Transparent
Housing Material	Aluminium Pressure Die-cast
Power Requirement	AC 142 - 280v, 50 - 60Hz
Luminous Flux (Lm)	1100
CRI	≥ 80 Ra
Operation Temperature	0° - +50° C
Driver	External Driver
Power Factor	> 0.90



Model	CRC 60/C Cabinet COB			CRC 60/D Surface COB		
Power Consumption	3w	6w	12w	3w	5w	7w
LED Color Temperature	2700, 6500					
Outer (mm)	60	90	150	60	75	94
Optical Cover	PS Diffuser			Transparent		
Housing Material	Aluminium Pressure Die-cast					
Power Requirement	AC 100 - 240v, 50 - 60Hz					
Luminous Flux (Lm)	255	510	1020	270	450	630
CRI	≥ 80 Ra					
Operation Temperature	0° - +50° C					
Driver	Driver on Board					
Power Factor	> 0.65					



Model	CRG 50/A Foot Light	CRG 50/B Foot Light		CRG 50/C Foot Light	
Power Consumption	3w	2w	3w	5w	3w
LED Color Temperature	2700, 6500				
Cutout (mm)	60	50 x 28	70 x 38	70 x 40 x 110	60
Housing Material	Aluminium Pressure Die-cast				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	270	180	270	540	270
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	External Driver	Integral Driver			
Power Factor	> 0.65				

CRC 30 GRILLE LED Spot



Model	CRC 30 GRILLE LED Spot							
Power Consumption	2.5w	2.5w x 2	2.5w x 3	2.5w x 5	2.5w x 10	6w	6w x 3	6w x 5
Cutout Dimension (mm)	33 x 33	33 x 62	33 x 92	33 x 135	33 x 268	55 x 55	150 x 60	150 x 60
LED Color Temperature	2700, 4000							
Beam Angle	30°							
Optical Cover	Transparent							
Housing Material	Aluminium Pressure Die-cast							
Power Requirement	AC 140 - 280v, 50 - 60Hz							
Luminous Flux (Lm)	250	500	750	1250	2500	600	1800	3000
CRI	≥ 80 Ra							
Operation Temperature	0° - +50° C							
Driver	External Driver							
Power Factor	> 0.50				> 0.90			


G- 24



Model	G - 24	
Power Consumption	5w	9w
LED Color Temperature	3000, 4000, 6500	
Optical Cover	PS Diffuser	
Housing Material	Aluminium Profile	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	500	900
CRI	≥ 80 Ra	
Operation Temperature	0° - + 50° C	
Driver	Integral Driver	
Power Factor	> 0.50	


T8-R



Model 	CRT8-R LED Tube Light	
Power Consumption	10w	20w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue	
Optical Cover	PS Diffuser	
Housing Material	Aluminium Profile	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	2200	3600
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.95	

Office Light




Model 	Office Light	
Power Consumption	36w	
LED Color Temperature	3000, 4000, 6500	
Optical Cover	Polycarbonate	
Housing Material	Polycarbonate	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	3600	
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.95	

MATRIX^{AL}


Model	CRT5 LED Tube Light		
Power Consumption	5w	10w	22w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue		
Optical Cover	Polycarbonate		
Housing Material	Aluminium Profile		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	500	1000	2200
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.95		

T10


Model 	CRT10 LED Tube Light		
Power Consumption	22w		36w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue		
Optical Cover	PS Diffuser		
Housing Material	Aluminium Profile		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	2200		3600
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.95		

CRF 40 LED Flood



IP
IP65



Lens (60° x 60°) Optional



Reflector (60° x 60°) Optional



Model	CRF 40 SMD LED Flood Light		
Power Consumption	20w	40w	80w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue		
Beam Angle	Variable options available		
Optical Cover	Toughened Glass		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	2200	4400	8800
CRI	≥ 80 Ra		
Operation Temperature	-10° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

CRF 40/B LED Flood



IP
IP65



Model	CRF 40/B LED Flood		
Power Consumption	25w	50w	100w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue		
Optical Cover	Toughened Glass		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	2750	5500	11000
CRI	≥ 80 Ra		
Operation Temperature	-10° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

Note : We can provide SPD upto 20 kv on request

CRF 50 LED Flood



IP
IP65



Model	CRF 50 LED Flood		
Power Consumption	150w	250w	350w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue		
Optical Cover	Toughened Glass		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	18000	30000	42000
CRI	≥ 80 Ra		
Operation Temperature	-10° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

TORNADO



IP
IP65



Model	Tornado LED Flood Light		
Power Consumption	250w		500w
LED Color Temperature	6500		
Beam Angle	20°, 45°, 60° (Optional)		
Optical Cover	Toughened Glass		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	30000		60000
CRI	≥ 80 Ra		
Operation Temperature	-10° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

Note : We can provide SPD upto 20 kv on request

GINGER



IP
IP65



Model	Ginger LED Flood					
Power Consumption	10w	30w	50w	100w	150w	200w
LED Color Temperature	2700, 6000					
Optical Cover	Toughened Glass					
Housing Material	Aluminium Pressure Die-cast					
Power Requirement	AC 100 - 240v, 50 - 60Hz					
Luminous Flux (Lm)	1000	3000	5000	10000	15000	20000
CRI	≥ 80 Ra					
Operation Temperature	-10° - +55° C					
Driver	Integral Driver					
Power Factor	> 0.95					

Tucson LED Flood



IP
IP65



Model	Tucson LED Flood					
Power Consumption	10w	30w	50w	100w	150w	200w
LED Color Temperature	2700, 6000, RGB			2700, 6000		
Optical Cover	Toughened Glass					
Housing Material	Aluminium Pressure Die-cast					
Power Requirement	AC 100 - 240v, 50 - 60Hz					
Luminous Flux (Lm)	1000	3000	5000	10000	15000	20000
CRI	≥ 80 Ra					
Operation Temperature	-10° - +50° C					
Driver	Integral Driver					
Power Factor	> 0.95					
SPD	4.5kv External					

CRS 30 LED Street Light



IP
IP65



Model	CRS 30 LED Street Light					
Power Consumption	60w	72w	90w	120w	150w	180w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue					
Optical Cover	Toughened Glass					
Housing Material	Aluminium Pressure Die-cast					
Power Requirement	AC 140 - 280v, 50 - 60Hz					
Luminous Flux (Lm)	6600	7920	9900	13200	16500	19800
CRI	≥ 80 Ra					
Operation Temperature	-10° - +55° C					
Driver	Integral Driver					
Power Factor	> 0.95					
SPD	2.5 Kv					

CRS 40 LED Street Light



IP
IP65



Model	CRS 40 LED Street Light						
Power Consumption	20w	24w	30w	40w	45w	60w	72w
LED Color Temperature	3000, 4000, 6000						
Optical Cover	Polycarbonate						
Housing Material	Aluminium Pressure Die-cast						
Power Requirement	AC 140 - 280v, 50 - 60Hz						
Luminous Flux (Lm)	2200	2640	3300	4400	4950	6600	7920
CRI	≥ 80 Ra						
Operation Temperature	-10° - +55° C						
Driver	Integral Driver						
Power Factor	> 0.95						
Speed	2.5 Kv						

Note : We can provide SPD upto 20 kv on request



Model	CRS 50 Bullet LED Street Light						
Power Consumption	18w	24w	30w	36w	45w	60w	72w
LED Color Temperature	3000, 4000, 6000						
Optical Cover	Toughened Glass						
Housing Material	Aluminium Pressure Die-cast						
Power Requirement	AC 140 - 280v, 50 - 60Hz						
Luminous Flux (Lm)	1980	2640	3300	3960	4950	6600	7920
CRI	≥ 80 Ra						
Operation Temperature	-10° - +55° C						
Driver	Integral Driver						
Power Factor	> 0.95						
SPD	2.5 Kv						



Model	CRS 80 AGNI LED Street Light							
Power Consumption	20w	30w	45w	60w	72w	90w	120w	150w
LED Color Temperature	3000, 4000, 6000							
Optical Cover	Polycarbonate							
Housing Material	Aluminium Pressure Die-cast							
Power Requirement	AC 140 - 280v, 50 - 60Hz							
Luminous Flux (Lm)	2200	3300	4950	6600	7920	9900	13200	16500
CRI	≥ 80 Ra							
Operation Temperature	-10° - +55° C							
Driver	Integral Driver							
Power Factor	> 0.95							
SPD	2.5 Kv							

Note : We can provide SPD upto 20 kv on request

RAW - DC



IP
IP65



Model	CRS 70 RAW - DC LED Street Light
Power Consumption	12w
LED Color Temperature	3000, 4000, 6000
Optical Cover	Polycarbonate
Housing Material	Polycarbonate
Power Requirement	12v DC +/- 20%
Luminous Flux (Lm)	1200
CRI	≥ 80 Ra
Operation Temperature	-10° - +55° C
Driver	Integral Driver


CRU 01



IP
IP65

60°




Model 	CRU 01LED Highbay
Power Consumption	120w
LED Color Temperature	3000, 4000, 6000
Optical Cover	Toughened Glass
Housing Material	Aluminium Pressure Die-cast
Power Requirement	AC 140 - 280v, 50 - 60Hz
Luminous Flux (Lm)	13200
CRI	≥ 80 Ra
Operation Temperature	0° - +55° C
Driver	Integral Driver
Power Factor	> 0.95
SPD	2.5 Kv

CRU 04/A



IP
IP65




Model 	CRU 04/A LED Highbay		
Power Consumption	150w		220w
LED Color Temperature	3000, 4000, 6000		
Optical Cover	Toughened Glass		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	16500		24200
CRI	≥ 80 Ra		
Operation Temperature	0° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

CRU 04/B



IP
IP65




Model 	CRU 04/B LED Highbay		
Power Consumption	60w	120w	200w
LED Color Temperature	3000, 4000, 6000		
Optical Cover	Polycarbonate		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	6600	13200	22000
CRI	≥ 80 Ra		
Operation Temperature	0° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		
SPD	2.5 Kv		

CRW 10



IP
IP65




Model 	CRW 10 LED Weather Proof	
Power Consumption	20w	40w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue	
Optical Cover	Polycarbonate	
Housing Material	Polycarbonate	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	2000	4000
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.95	



IP
IP54



Model 	CRH / WG LED Well Glass	
Power Consumption	30w	60w
LED Color Temperature	3000, 4000, 6000	
Optical Cover	Polycarbonate	
Housing Material	Aluminium Pressure Die-cast	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	3300	600
CRI	≥ 80 Ra	
Operation Temperature	-10° - +55° C	
Driver	Integral Driver	
Power Factor	> 0.95	
SPD	2.5 Kv	

CRW 20 LED Bulkhead



IP
IP65



Model	CRW 20 LED Bulkhead	
Power Consumption	4w	8w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue	
Optical Cover	Polycarbonate	
Housing Material	ABS	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	400	800
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.95	

CRW 30 LED Bulkhead



IP
IP65




Model	CRW 30 LED Bulkhead	
Power Consumption	10w	15w
LED Color Temperature	3000, 4000, 6500, Red, Green, Blue	
Optical Cover	Polycarbonate	
Housing Material	Polycarbonate	
Power Requirement	AC 140 - 280v, 50 - 60Hz	
Luminous Flux (Lm)	1000	1500
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.95	

CRCL 10 LED Ceiling Light



IP
IP20




Model 	CRCL 10 LED Ceiling Light		
Power Consumption	10w	15w	22w
Outer (mm)	225	280	350
Hight (mm)	65	75	75
LED Color Temperature	3000, 4000, 6500		
Optical Cover	PS Diffuser		
Housing Material	Aluminium		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	900	1350	1980
CRI	≥ 80 Ra		
Operation Temperature	0° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		

CRCL 20 LED Ceiling Light



IP
IP65



Model 	CRCL 20 LED Ceiling Light		
Power Consumption	18w		
Outer (mm)	245		
Hight (mm)	50		
LED Color Temperature	3000, 4000, 6500		
Optical Cover	PS Diffuser		
Housing Material	Polycarbonate		
Power Requirement	AC 140 - 280v, 50 - 60Hz		
Luminous Flux (Lm)	1800		
CRI	≥ 80 Ra		
Operation Temperature	0° - +55° C		
Driver	Integral Driver		
Power Factor	> 0.95		

CRP 30 Picture Light



Model	CRP 30 Picture Light	
Power Consumption	3w	5w
LED Color Temperature	3000, 4000, 6500	
Optical Cover	Transparent	
Housing Material	Aluminium	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	270	450
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.50	

CRP 10 Mirror Light



CRP 20 Mirror Light



Model	CRP 10 / 20 Mirror Light	
Power Consumption	6w	12w
LED Color Temperature	2700, 6500	
Optical Cover	Diffused	
Housing Material	Aluminium	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	540	1080
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	External Driver	
Power Factor	> 0.50	

CRG 20 Garden Light



IP
IP65



Model	CRG 20 Garden Light				
Power Consumption	5w	9w	12w	6w	12w
LED Color Temperature	2700, 6500, Blue, Green			RGB	
Optical Cover	Transparent				
Housing Material	Aluminium Pressure Die-cast				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	500	900	1200	600	1200
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	Integral Driver				
Power Factor	> 0.65				

CRTR 10 Track Light



IP
IP20

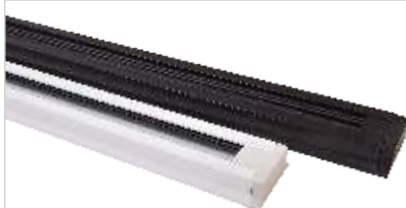
CRTR 10 SF Surface Track Light



IP
IP20



Model	CRTR 10 Track Light			CRTR 10 SF Surface Track Light	
Power Consumption	9w	16w	24w	30w	50w
LED Color Temperature	2700, 4000, 6500				
Optical Cover	Transparent				
Body Colour	White / Black (Black only in Track Light)				
Housing Material	Aluminium Pressure Die-cast				
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Luminous Flux (Lm)	900	1600	2400	3000	5000
CRI	≥ 80 Ra				
Operation Temperature	0° - +50° C				
Driver	Integral Driver			External Driver	
Power Factor	> 0.65				



Track Line 

Application	: For Track Light
Length	: 1 Mtr.
Wiring System	: Single Phase
Housing Material	: Aluminium Die-cast
Capacity	: 6w to 50w



Model	LED Strip			LED SMD Rope	
	LED Strip 2835			LED Strip 5050	LED Rope 2835
LED per mtr.	120 LED	180 LED	240 LED	60 LED	120 LED
Watt / Mtr.	10w	15w	20w	15w	5w
Amp / Mtr. @ 12V DC	1 Amp	1.5 Amp	2 Amp	1.5 Amp	40 Ma (@230V AC)
LED Color Temperature	Pink, Red	WH, WW, NW, R, G, B	WH, WW, NW	WH, WW, NW R, G, B, P, RGB	WH, WW, NW, Blue, Red, Green
Power Requirement	AC 100 - 240v, 50 - 60Hz				
Operation Temperature	≥ 80 Ra				

*Note : Maximum watt capacity = 20 Mtrs.



Model	CRG 30/A Up-Down		CRG 30/B Up-Down	
	Power Consumption	3w	2 x 3w	5w
LED Color Temperature	2700			
Housing Material	Aluminium Pressure Die-cast			
Power Requirement	AC 100 - 240v, 50 - 60Hz			
Luminous Flux (Lm)	300	600	500	1000
CRI	≥ 80 Ra			
Operation Temperature	0° - +50° C			
Driver	Integral Driver			
Power Factor	> 0.65			

CRG 30/C Up-Down



IP
IP65



Model	CRG 30/C Up-Down		
Power Consumption	5w	2 x 5w	2 x 9w
LED Color Temperature	2700, 6500		
Optical Cover	Transparent		
Body Color	White / Black		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 100 - 240v, 50 - 60Hz		
Luminous Flux (Lm)	500	1000	1800
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.65		

CRG 30/D Up-Down



IP
IP65



Model	CRG 30/D Up-Down			
Power Consumption	5w	2 x 5w	9w	2 x 9w
LED Color Temperature	2700			
Housing Material	Aluminium Pressure Die-cast			
Power Requirement	AC 100 - 240v, 50 - 60Hz			
Luminous Flux (Lm)	450	900	810	1620
CRI	≥ 80 Ra			
Operation Temperature	0° - +50° C			
Driver	Integral Driver			
Power Factor	> 0.65			

CRG 10/A Wall



IP
IP54



Model	CRG 10/A Wall
Power Consumption	12w
LED Color Temperature	2700
Housing Material	Aluminium Pressure Die-cast
Power Requirement	AC 100 - 240v, 50 - 60Hz
Luminous Flux (Lm)	1080
CRI	≥ 80 Ra
Operation Temperature	0° - +50° C
Driver	Integral Driver
Power Factor	> 0.65

CRG 10/B Wall



IP
IP54



Model	CRG 10/B Wall
Power Consumption	12w
LED Color Temperature	2700
Housing Material	Aluminium Pressure Die-cast
Power Requirement	AC 100 - 240v, 50 - 60Hz
Luminous Flux (Lm)	1080
CRI	≥ 80 Ra
Operation Temperature	0° - +50° C
Driver	Integral Driver
Power Factor	> 0.65

CRG 10/C Wall



IP
IP65



Model	CRG 10/C Wall
Power Consumption	12w
LED Color Temperature	2700
Housing Material	Polycarbonate
Power Requirement	AC 100 - 240v, 50 - 60Hz
Luminous Flux (Lm)	1080
CRI	≥ 80 Ra
Operation Temperature	0° - +50° C
Driver	Integral Driver
Power Factor	> 0.65

CRG 40 Wall



IP
IP65

CRG 40/B Wall



IP
IP65



Model	CRG 40 Wall	CRG 40/B Wall
Power Consumption	12w	12w
LED Color Temperature	2700	
Housing Material	Polycarbonate	
Power Requirement	AC 100 - 240v, 50 - 60Hz	
Luminous Flux (Lm)	1200	1200
CRI	≥ 80 Ra	
Operation Temperature	0° - +50° C	
Driver	Integral Driver	
Power Factor	> 0.65	

CRG 60



IP
IP65



Model	CRG 60 Wall		
Power Consumption	5w		
LED Color Temperature	2700		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 100 - 240v, 50 - 60Hz		
Luminous Flux (Lm)	500		
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.50		

CRG 70 Wall



IP
IP65



Model	CRG 70 Wall		
Power Consumption	3w	6w	10w
LED Color Temperature	2700		
Housing Material	Aluminium Pressure Die-cast		
Power Requirement	AC 100 - 240v, 50 - 60Hz		
Luminous Flux (Lm)	300	600	1000
CRI	≥ 80 Ra		
Operation Temperature	0° - +50° C		
Driver	Integral Driver		
Power Factor	> 0.50		

CRG 50/A

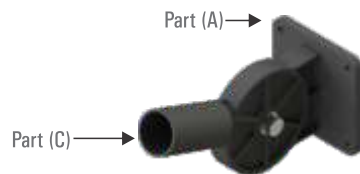


IP
IP65



Model	CRG 50/A Bollard
Power Consumption	10w
LED Color Temperature	3000, 4000, 6500
Height	600 mm
Housing Material	Aluminium Pressure Die-cast
Power Requirement	AC 100 - 240v, 50 - 60Hz
Luminous Flux (Lm)	1000
CRI	≥ 80 Ra
Operation Temperature	0° - +50° C
Driver	Integral Driver
Power Factor	> 0.95

A+C Bracket



A+C Bracket

Application : For Wall Mounting Street Light
 Suitable : Equal to 45mm or Bigger Diameter Street Light
 Housing Material : Aluminium Die-cast

Power Factor Meter



Power Factor Meter

Application : To Measure Actual Parameter
 Display Following Parameters - Input Voltage
 - Input Current
 - Input Wattage
 - Power Factor

INFRASTRUCTURE

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