

Description

Combining robust performance with the optical superiority of WE-EF street and area lighting lens', the FLC200 series of projectors is suited to landmark installations. Constructed from marine-grade, die-cast aluminium alloy, with an IP66 rating, 5CE superior corrosion protection including PCS hardware and CCG® Controlled Compression Gasket. Safety glass lens. One cable gland. Second gland for through wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V, DALI Interface or Eco Step Dim® on request. Maximum one internal optical accessory possible. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy		
Lens	Safety glass lens		
Colours	RAL9004	RAL9006	RAL9007
	Signal black	White aluminium	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket		
Fasteners	PCS Polymer Coated Stainless Steel Hardware		
Ingress protection	IP66		
Impact resistance	IK07		
Corrosion resistance	5CE+Primer		

Electrical description


Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Power factor	> 0.9
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)


Additional information

Lifetime	Ta=40° L90B10 > 90000h
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Options


Light distribution

 [S65] asymmetric, side throw

 [S70] asymmetric, side throw

 [P65] pedestrian/bicycle lane

 [A60] asymmetric, forward throw

 [R60] rectangular, side throw

Colour temperature



2200K



2700K



3000K



4000K

Nominal Watt



64 W




96 W

128 W

174 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[A60] asymmetric, forward throw</p>	139-3554	LED-64/64W/2200K	8019.4 lm	64 W	70	
	139-3555	LED-64/64W/2700K	8019.4 lm	64 W	80	
	139-3556	LED-64/64W/3000K	8572.4 lm	64 W	80	
	139-3557	LED-64/64W/4000K	9402 lm	64 W	80	
	139-3578	LED-64/96W/2200K	11061.2 lm	96 W	70	
	139-3579	LED-64/96W/2700K	11061.2 lm	96 W	80	
	139-3580	LED-64/96W/3000K	11890.8 lm	96 W	80	
	139-3581	LED-64/96W/4000K	12720.4 lm	96 W	80	
	139-3602	LED-64/128W/2200K	14932.6 lm	128 W	70	
	139-3603	LED-64/128W/2700K	14932.6 lm	128 W	80	
	139-3604	LED-64/128W/3000K	16038.7 lm	128 W	80	
	139-3605	LED-64/128W/4000K	17144.8 lm	128 W	80	
	139-3626	LED-64/174W/2200K	19357.1 lm	174 W	70	
	139-3627	LED-64/174W/2700K	19357.1 lm	174 W	80	
	139-3628	LED-64/174W/3000K	20739.7 lm	174 W	80	
	139-3629	LED-64/174W/4000K	22122.3 lm	174 W	80	
	 <p>[P65] pedestrian/bicycle lane</p>	139-3550	LED-64/64W/2200K	8383.7 lm	64 W	70
		139-3551	LED-64/64W/2700K	8383.7 lm	64 W	80
		139-3552	LED-64/64W/3000K	8961.9 lm	64 W	80
139-3553		LED-64/64W/4000K	9829.2 lm	64 W	80	
139-3574		LED-64/96W/2200K	11563.7 lm	96 W	70	
139-3575		LED-64/96W/2700K	11563.7 lm	96 W	80	
139-3576		LED-64/96W/3000K	12431 lm	96 W	80	
139-3577		LED-64/96W/4000K	13298.3 lm	96 W	80	
139-3598		LED-64/128W/2200K	15611 lm	128 W	70	
139-3599		LED-64/128W/2700K	15611 lm	128 W	80	
139-3600		LED-64/128W/3000K	16767.4 lm	128 W	80	
139-3601		LED-64/128W/4000K	17923.8 lm	128 W	80	
139-3622		LED-64/174W/2200K	20236.5 lm	174 W	70	
139-3623		LED-64/174W/2700K	20236.5 lm	174 W	80	
139-3624		LED-64/174W/3000K	21682 lm	174 W	80	
139-3625		LED-64/174W/4000K	23127.5 lm	174 W	80	
139-3558		LED-64/64W/2200K	8035.5 lm	64 W	70	
139-3559		LED-64/64W/2700K	8035.5 lm	64 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[R60] rectangular, side throw</p>	139-3560	LED-64/64W/3000K	8589.6 lm	64 W	80
	139-3561	LED-64/64W/4000K	9420.9 lm	64 W	80
	139-3582	LED-64/96W/2200K	11083.4 lm	96 W	70
	139-3583	LED-64/96W/2700K	11083.4 lm	96 W	80
	139-3584	LED-64/96W/3000K	11914.6 lm	96 W	80
	139-3585	LED-64/96W/4000K	12745.9 lm	96 W	80
	139-3606	LED-64/128W/2200K	14962.6 lm	128 W	70
	139-3607	LED-64/128W/2700K	14962.6 lm	128 W	80
	139-3608	LED-64/128W/3000K	16070.9 lm	128 W	80
	139-3609	LED-64/128W/4000K	17179.2 lm	128 W	80
	139-3630	LED-64/174W/2200K	19395.9 lm	174 W	70
	139-3631	LED-64/174W/2700K	19395.9 lm	174 W	80
	139-3632	LED-64/174W/3000K	20781.3 lm	174 W	80
	139-3633	LED-64/174W/4000K	22166.8 lm	174 W	80
 <p>[S65] asymmetric, side throw</p>	139-3542	LED-64/64W/2200K	8577.7 lm	64 W	70
	139-3543	LED-64/64W/2700K	8577.7 lm	64 W	80
	139-3544	LED-64/64W/3000K	9169.3 lm	64 W	80
	139-3545	LED-64/64W/4000K	10056.7 lm	64 W	80
	139-3566	LED-64/96W/2200K	11831.4 lm	96 W	70
	139-3567	LED-64/96W/2700K	11831.4 lm	96 W	80
	139-3568	LED-64/96W/3000K	12718.7 lm	96 W	80
	139-3569	LED-64/96W/4000K	13606.1 lm	96 W	80
	139-3590	LED-64/128W/2200K	15972.4 lm	128 W	70
	139-3591	LED-64/128W/2700K	15972.4 lm	128 W	80
	139-3592	LED-64/128W/3000K	17155.5 lm	128 W	80
	139-3593	LED-64/128W/4000K	18338.6 lm	128 W	80
	139-3614	LED-64/174W/2200K	20704.9 lm	174 W	70
	139-3615	LED-64/174W/2700K	20704.9 lm	174 W	80
	139-3616	LED-64/174W/3000K	22183.8 lm	174 W	80
	139-3617	LED-64/174W/4000K	23662.8 lm	174 W	80
	 <p>[S70] asymmetric, side throw</p>	139-3546	LED-64/64W/2200K	8319.7 lm	64 W
139-3547		LED-64/64W/2700K	8319.7 lm	64 W	80
139-3548		LED-64/64W/3000K	8893.4 lm	64 W	80
139-3549		LED-64/64W/4000K	9754.1 lm	64 W	80
139-3570		LED-64/96W/2200K	11475.4 lm	96 W	70
139-3571		LED-64/96W/2700K	11475.4 lm	96 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	139-3572	LED-64/96W/3000K	12336.1 lm	96 W	80
	139-3573	LED-64/96W/4000K	13196.7 lm	96 W	80
	139-3594	LED-64/128W/2200K	15491.8 lm	128 W	70
	139-3595	LED-64/128W/2700K	15491.8 lm	128 W	80
	139-3596	LED-64/128W/3000K	16639.3 lm	128 W	80
	139-3597	LED-64/128W/4000K	17786.9 lm	128 W	80
	139-3618	LED-64/174W/2200K	20082 lm	174 W	70
	139-3619	LED-64/174W/2700K	20082 lm	174 W	80
	139-3620	LED-64/174W/3000K	21516.4 lm	174 W	80
	139-3621	LED-64/174W/4000K	22950.8 lm	174 W	80