

Electro-optical Characteristics @ T_A= 25°C / 230VAC / 50Hz

CL5061000XXX

	Unit	Min	Typical	Max	Remark
AC Voltage	V	220	-	240	Operating voltage 85-305Vac
Frequency	Hz	50	-	60	
Power Factor	-	0.9	0.95	-	
Power Consumption	W	90	100	110	
View angle	degree	80	90	100	
CRI	-	80	-	-	
CCT	K	4700	5000	5300	
Luminous Flux	lm	9,450	10,500	-	
Efficacy	lm/W	95	105	-	

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CL4061000XXX

	Unit	Min	Typical	Max	Remark
AC Voltage	V	220	-	240	Operating voltage 85-305Vac
Frequency	Hz	50	-	60	
Power Factor	-	0.9	0.95	-	
Power Consumption	W	90	100	110	
View angle	degree	80	90	100	
CRI	-	80	-	-	
CCT	K	3700	4000	4300	
Luminous Flux	lm	8,820	9,800	-	
Efficacy	lm/W	89	98	-	

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CL3061000XXX

	Unit	Min	Typical	Max	Remark
AC Voltage	V	220	-	240	Operating voltage 85-305Vac
Frequency	Hz	50	-	60	
Power Factor	-	0.9	0.95	-	
Power Consumption	W	90	100	110	
View angle	degree	80	90	100	
CRI	-	80	-	-	
CCT	K	2700	3000	3300	
Luminous Flux	lm	8,280	9,200	-	
Efficacy	lm/W	83	92	-	

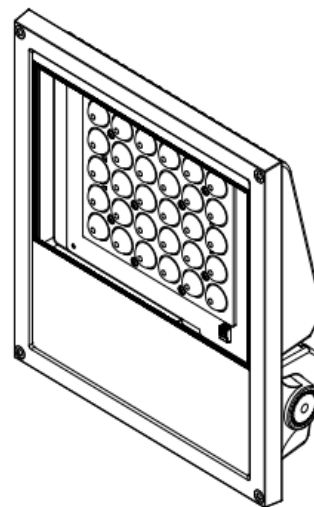
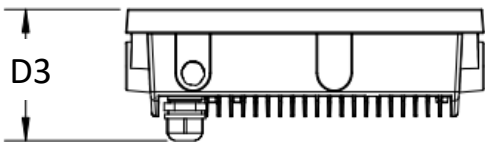
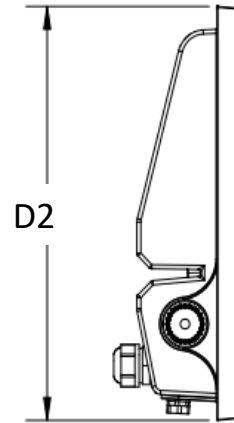
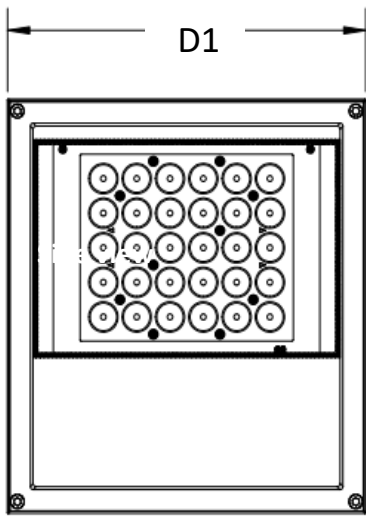
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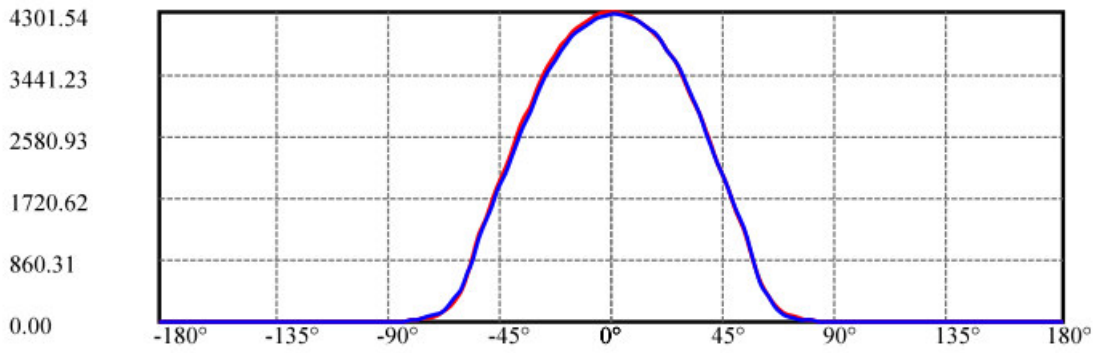
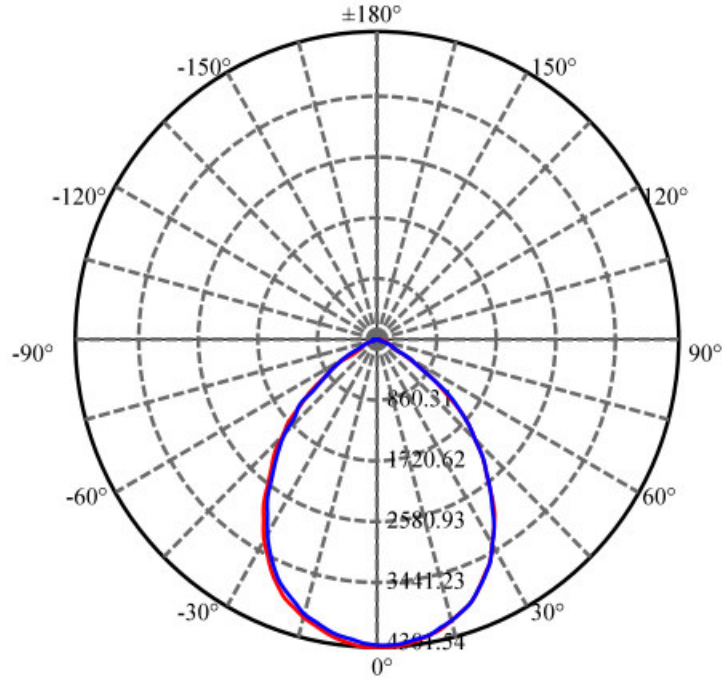
Mechanical Characteristics

MPS-CLXXE1000XXX(Family DS)

Item	Unit	Min	Typical	Max	Remark
PL Length (D1)	mm	-	269	274	
PL Width(D2)	mm	-	299	304	
PL Height (D3)	mm		94.4	97.4	
PL Weight	Kg	-	5.75	6.05	



luminous distribution



C0/C180: —
 C90/C270: —

Operating Environment

	Max rating value
Lead temperature of LED	<105°C
Storage temperature range	-40°~+80°C
Operating temperature range	-40°~+50°C
LED Lifetime	50000hrs

Safety and Application notes

1. The canopy light must not be damaged or operated in a damaged condition.
2. Tempered glass can not withstand the impact over IK08.
3. Light distribution of projection light has 90 degree.
4. The effective energy savings depend on the efficiency of the luminaire setup to be replaced and should be considered individually in each case.
5. It can not work in gas and explosion environments.
6. It needs to make sure the environmental surge voltage and inrush current from AC input.

Recommended Installation Options / Guideline

- (1) Put canopy into box and confirm the bottom of box dimension is ok or not as figure A.
- (2) Using M4 screws to fix canopy with L-bracket on the box as figure B.
- (3) If the wires need to be extended , please make sure wire connection with double isolation.
- (4) Connect external AC cable wire with power cable wire as figure C.
- (5) Turn on AC voltage to check the light distribution on canopy light.

<p>A</p>										
<p>B</p>										
<p>C</p>	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 5px;">Supply voltage 220~240VAC 50-60Hz</td> <td style="padding: 5px;">L</td> <td style="padding: 5px;">Brown</td> </tr> <tr> <td></td> <td style="padding: 5px;">N</td> <td style="padding: 5px;">Blue</td> </tr> <tr> <td></td> <td style="padding: 5px;">G</td> <td style="padding: 5px;">Green/Yellow</td> </tr> </table>	Supply voltage 220~240VAC 50-60Hz	L	Brown		N	Blue		G	Green/Yellow
Supply voltage 220~240VAC 50-60Hz	L	Brown								
	N	Blue								
	G	Green/Yellow								

S/N Code

The S/N coder is comprised by the following characters;
S/N: PL X ₃ X ₄ X ₅ X ₆ X ₇ X ₈ X ₉ X ₁₀ X ₁₁ X ₁₂ X ₁₃ X ₁₄
X ₃ X ₄ X ₅ - Wattage code (100 for 100W)
X ₆ X ₇ - Year code (16 for 2018)
X ₈ X ₉ - Month code (01 for January)
X ₁₀ X ₁₁ X ₁₂ X ₁₃ X ₁₄ - Serial code

Packaging

Packing Design		Weight
	<p>Q'ty = 1 pcs Volume: 1.08 CUFT Size: 402 (L) x 392 (W) x 195 (H) mm</p>	<p>CLXXE1000XXX Net weight: 5.75Kg Gross weight: 6.75Kg</p>