

Summary of Ratings:

Supply Voltage : 220V - 240V

Input Power (W) : **TIARA LED M PRO** family cl. I – series from 8W to 175W
TIARA LED L PRO family cl. I – series from 35W to 42275W
TIARA2 LED M family cl. I – series from 8W to 175W
TIARA2 LED S family cl. I – series from 8W to 109W
 For details see the Appendix No.1 – Lists of the luminaires – on CD

Luminous Flux (lm)..... : **TIARA LED M PRO** family cl. I – series from 900lm to 22925lm
TIARA LED L PRO family cl. I – series from 4275lm to 32500lm
TIARA2 LED M family cl. I – series from 900lm to 22925lm
TIARA2 LED S family cl. I – series from 1075lm to 13200lm
 For details see the Appendix No.1 – Lists of the luminaires – on CD

Colour temperature (CCT)..... : 2200k
 2700K
 3000K
 3500K
 4000K
 5000K
 5700K
 6500K

Colour rendering index (CRI) : CRI>70
 CRI>80
 CRI>90

Efficacy (lm/W) : **TIARA LED M PRO** family cl. I – series from 92,5 lm/W to 165 lm/W
TIARA LED L PRO family cl. I – series from 91 lm/W do 169 lm/W
TIARA2 LED M family cl. I – series from 92,5 lm/W do 165 lm/W
TIARA2 LED S family cl. I – series from 87 lm/W do 158 lm/W
 For details see the Appendix No.1 – Lists of the luminaires – on CD

Lamp Type/Rating : **Seoul Z5M3 (choice sheet below)**
 TYP1 16LED CRI70 3000K 16S (prod)
 1 2 3 4 5 6

1	LED type	TYP 1	Seoul Z5M3
2	LED quantity	16	
		32	
		64	
		128	
3	Color rendering index	CRI70	
		CRI80	
		CRI90	
4	Color temperature	2200K	
		2700K	
		3000K	
		3500K	
		4000K	
		5000K	
		5700K 6500K	
5	Connection layout	16S	
		8S2P	
		4S4P	
		8S4P	
		16S2P	
		32S	
		16S4P	
		32S2P	
		8S8P	
		64S	
		32S4P	
		64S2P	
16S8P			
6	Mark of the production version	(prod)	

Cree XT-E (choice sheet below)

TYP1 16LED CRI70 3000K 16S (prod)

1 2 3 4 5 6

1	LED type	TYP 2	Cree XT-E
2	LED quantity	16	
3	Color rendering index	CRI70	
		CRI80	
4	Color temperature	2700K	
		3000K	
		3500K	
		4000K	
		5000K	
		5700K	
5	Connection layout	16S	
		8S2P	
6	Mark of the production version	(prod)	

Lumileds HE/Lumileds Square (choice sheet below)

TYP1 16LED CRI70 3000K 16S (prod)

1 2 3 4 5 6

1	LED type	TYP 3	Lumileds HE/Lumileds Square
2	LED quantity	16	
		32	
		64	
		128	
3	Color rendering index	CRI70	
		CRI80	
		CRI90	
4	Color temperature	2200K	
		2700K	
		3000K	
		3500K	
		4000K	
		5000K	
		5700K	
		6500K	
5	Connection layout	16S	
		8S2P	
		4S4P	
		8S4P	
		16S2P	
		32S	
		16S4P	
		32S2P	
		8S8P	
		64S	
		32S4P	
		64S2P	
16S8P			
6	Mark of the production version	(prod)	

Luminaire (Type A, B, C) : Type A - Luminaires using LED modules where compliance with EN 62717 has been proven

Ambient Temperature Rating (t_q) : 25°C

Temperature Rating (t_a) : 25°C

Test item particulars	Luminaires for road and street lighting
Classification of installation and use	Normal use
Supply Connection	Connector
.....	:
Possible test case verdicts:	
- test case does not apply to the test object	: N/A
- test object does meet the requirement	: P (Pass)
- test object does not meet the requirement	: F (Fail)
Testing	
Date of receipt of test item	: 08.05.2023
Date (s) of performance of tests	: 08.05.2023 – 26.05.2023
General remarks:	
<p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>The requirements of EN 62722-1 apply in addition to EN 62722-2-1. The additional requirements for EN 62722-1 shall be reported in the separate TRF for this standard. Clause numbers between brackets refer to clauses in EN 62717 Shaded clauses are not requirements under the scope of PD EPRS003, for information only.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p>	
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