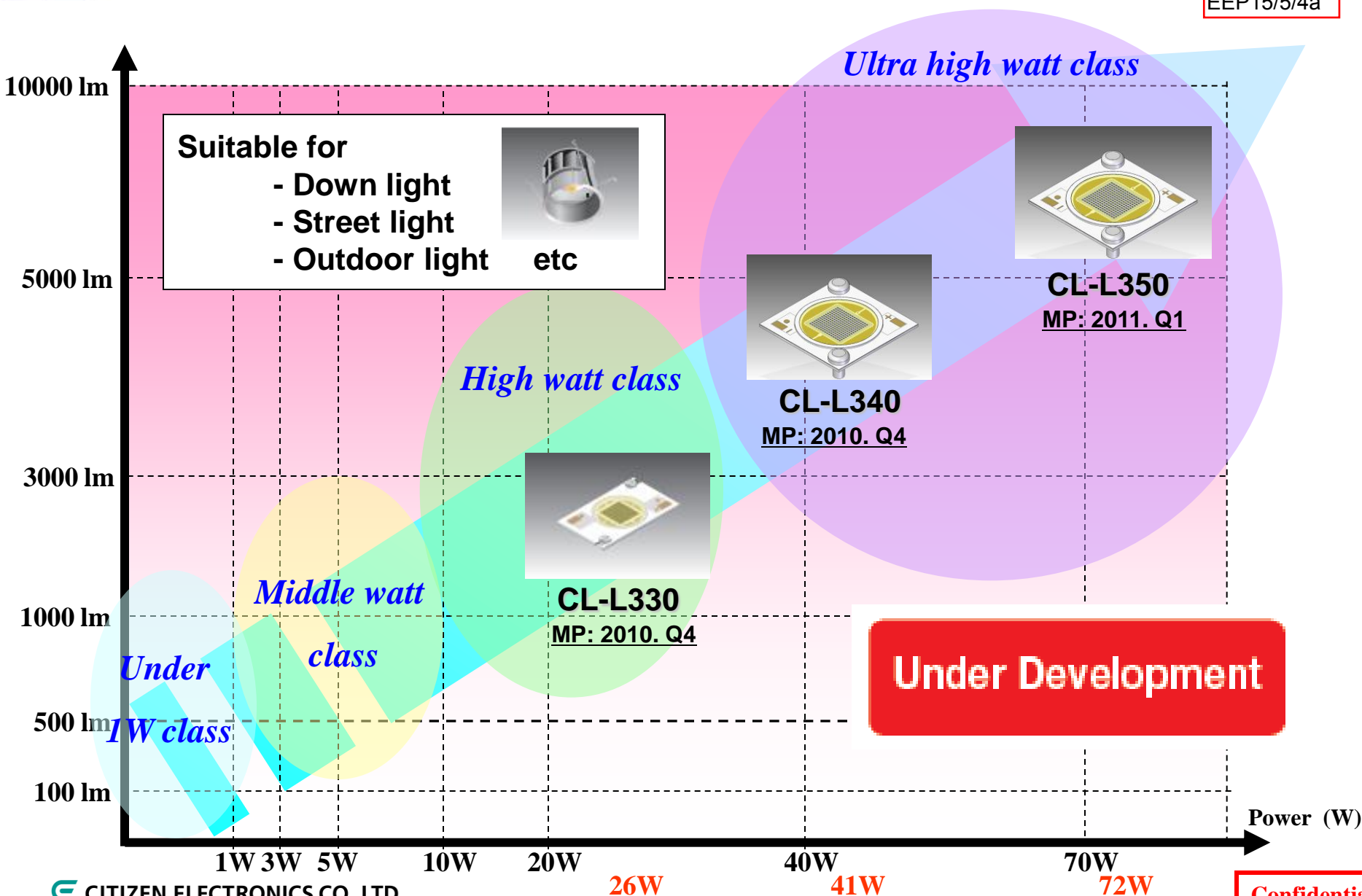


High Wattage Products Road Map

CITIZEN

Micro HumanTech

EEP15/5/4a



Specifications

tentative

Product Code	CCT	If(mA)	Package size(mm)	Watt	lm(typ)	Vf(typ)	Tj Max	CRI(typ)
CL-L330	5000K	720mA	28.0x19.0x1.4	26W	2900lm	37.2V	120	65
	3000K	720mA	28.0x19.0x1.4	26W	2000lm	37.2V	120	80~85

Product Code	CCT	If(mA)	Package size(mm)	Watt	lm(typ)	Vf(typ)	Tj Max	CRI(typ)
CL-L340	5000K	900mA	28.5x28.5x1.4	41W	4500lm	46.5V	120	65
	3000K	900mA	28.5x28.5x1.4	41W	3000lm	46.5V	120	80~85

Latest development schedule

	PKG	July			Aug			Sep			Oct			Nov			Dec			Jan '11		
		F	M	E	F	M	E	F	M	E	F	M	E	F	M	E	F	M	E	F	M	E
Initial samples	CL-L330			★																		
	CL-L340		★																			
Reliability test	CL-L330																					3000h
	CL-L340																					3000h
Specification	CL-L330			★	tentative			★														
	CL-L340			★				★														
Mass production	CL-L330																					
	CL-L340																					

[comment]

CL-L350 is still study stage and development schedule is pending yet.