



Date: 02/12/2019

Description of the change: Addition of extra high flux bins
Affected items: CBT-White series (90 & 140)

Dear Customer:

As Luminus continues to improve their products and processes we have added additional high flux bins to accommodate the gradual increase of the flux of our products over time.

This change to the binning table does not affect the form fit or function of the product we are shipping.

Appendix 1 shows a table with the impacted product labels.

Appendix 2 shows the details of the new and the old binning table.

Thank you for using Luminus LED products and please contact your local sales representative or Luminus Customer Service (cs@luminus.com) if you have questions regarding this Info Note.

Appendix 1: Affected products

S/N	Models	Model Nomenclature
1	CBT-90-a-C11-yyyyy-zz	a is, W65S, W57S, W57H or WDLS, yyyyy is optional and may be any alphanumeric characters, and zz is optional and may be any alphanumeric characters.
2	CBT-140-a-L16-yyyyy-zz	a is, WCS or WDH, yyyyy is optional and may be any alphanumeric characters, and zz is optional and may be any alphanumeric characters.
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Appendix 2: Binning table details

The NEW binning table for CBT-90-W:

Color	Flux Bin (FF)	Minimum Flux (lm) at 9.0A	Maximum Flux (lm) at 9.0A
W65S (6500K, 70CRI) W57S (5700K, 70CRI) W57H (5700K, 92CRI)	SB	2,990	3,200
	SA	2,780	2,990
	RB	2,600	2,780
	RA	2,420	2,600
	QB	2,260	2,420
	QA	2,100	2,260
	PB	1,966	2,100
	PA	1,830	1,966
	NB	1,710	1,830
	NA	1,590	1,710
	MB	1,485	1,590
	MA	1,380	1,485
	LB	1,290	1,380
LA	1,200	1,290	

The OLD binning table for CBT-90-W:

Color	Flux Bin (FF)	Minimum Flux (lm) at 9.0A	Maximum Flux (lm) at 9.0A
W57S (5700K) and W65S (6500K) 6500K, Standard CRI (typ. 70)	MA	1,380	1,485
	MB	1,485	1,590
	NA	1,590	1,710
	NB	1,710	1,830
	PA	1,830	1,966
	PB	1,966	2,100
	QA	2100	2260
	QB	2260	2420
W57H 5700K, High CRI (typ. 92)	KA	1,080	1,120
	KB	1,120	1,200
	LA	1,200	1,290
	LB	1,290	1,380
	MA	1380	1486
	MB	1486	1590

The NEW binning table for CBT-140-W:

Color	Flux Bin (FF)	Minimum Flux (lm) at 21.0A	Maximum Flux (lm) at 21.0A
WCS (7500K-6500K, 70CRI) WDH (5700K 92CRI)	XA	5,590	6,011
	WB	5,225	5,590
	WA	4,860	5,225
	VB	4,545	4,860
	VA	4,230	4,545
	UB	3,955	4,230
	UA	3,680	3,955
	TB	3,440	3,680
	TA	3,200	3,440
	SB	2,990	3,200
	SA	2,780	2,990
	RB	2,600	2,780
	RA	2,420	2,600
	QB	2,260	2,420
QA	2,100	2,260	

The OLD binning table for CBT-140-W:

Color	Flux Bin (FF)	Minimum Flux (lm) at 21.0A	Maximum Flux (lm) at 21.0A
	TB	3,440	3,680
	UA	3,680	3,955
	UB	3,955	4,230
	VA	4,230	4,545
	VB	4,545	4,860
WDH Daylight High CRI (typ. 92)	QA	2,100	2,260
	QB	2,260	2,420
	RA	2,420	2,600
	RB	2,600	2,780
	SA	2,780	2,990
	SB	2,990	3,200