

# Certification Chart

## ► Metal Case

● : Certified for whole series ; ▲ : Certified for assigned models

Standard	Class 2 power unit	UL8750 (type"HL")	UL60950-1	UL879	EN61347-1, EN61347-2-13	PSE J61347-1, J61347-2-13	EN55015	EN61000-3-2 Class □	EN55022 Class □	CE	CB	CCC (Note 2)
HBG-100		●HL			●		●	C		●	●	●
HBG-160		●HL			●		●	C		●	●	●
HBG-240		●			●		●	C		●	●	●
HSG-70							●	C		●		●
ULP-150							●	C		●		
FDL-65							●	C		●		●

**Note 2** : CCC models for HBG-100/160/240 are offered as optional models.

**HL** : Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires.

## ► Plastic Case & PCB Type

● : Certified for whole series ; ▲ : Certified for assigned models

Standard	Class 2 power unit	UL8750 (type"HL")	UL60950-1	UL879	EN61347-1, EN61347-2-13	PSE J61347-1, J61347-2-13	EN55015	EN61000-3-2 Class □	EN55022 Class □	CE	CB	CCC (Note 3)
APV-8		●					●	A		●		●
APV-12/16	●	●			●		●	A		●	●	●
APV-25/35	●	●						A	B	●		
APC-8		●					●	A		●		●
APC-12/16	●	●					●	A		●		●
APC-25/35	▲	▲						A	B	●		
APV-8E/12E/16E					●					●	●	
APC-8E/12E/16E					●					●	●	
ELN-30/60	●							A	B	●		
GSC18/25/40 (B/E)					■●		●	C		●	●	▲ B type
HBG-60 (P)	●	●			●		●	C		●	●	●
HBG-100P/160P/240P		●			●		●	C		●	●	●
HLN-40/60/80H	●	●			●	●	●	C		●	●	●
HLP-40H/60H/80H	●	●			●		●	C		●	●	●
LCM-25/40/60(DA)		●			●		●	C		●	●	●
LCM-40U(DA)/60U(DA)		●										
IDLV-45(A)/65(A)	●	●			●		●	C		●	●	
IDLC-45(A)/65(A)		●			●		●	C		●	●	●
IDPV-45(A)/65(A)	●	●			●		●	C		●	●	
IDPC-45(A)/65(A)		●			●		●	C		●	●	●

**Note 3** : CCC models for AP and HLN series are offered as optional models.

■ : GS Mark.

# Certification Chart

## ► Plastic Case & PCB Type

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Standard	Class 2 power unit	UL8750 (type "HL")	UL60950-1	UL879	EN61347-1, EN61347-2-13	PSE J61347-1, J61347-2-13	EN55015	EN61000-3-2 Class	EN55022 Class	CE	CB	CCC (Note 4)
Series												
LPL-18								A	B	●		
LPH-18					●			A	B	●	●	
LPV-20	●			●				A	B	●		
LPV-35	●							A	B	●	●	
LPV-60	▲			▲				A	B	●	●	
LPV-100		●		●				A	B	●		
LPV-150		●		●				A	B	●		
LPVL-150		●		●				A	B			
LPLC-18								A	A	●		
LPHC-18								A	A	●		
LPC-20	●			●				A	B	●		
LPC-35	●							A	B	●		
LPC-60	●							A	B	●	●	
LPC-100								A	B	●		
LPC-150								A	B	●		
LPF-16(D)/25(D)	●	●			●	●	●	C		●	●	●
LPF-40(D)/60(D)	●	●			●	●	●	C		●	●	●
LPF-90(D)	●	●HL			●	●	●	C		●	●	●
LPFH-60(D)												
NPF-40(D)	●	●HL			●		●	C		●	●	●
NPF-60(D)	●	●HL			●		●	C		●	●	●
NPF-90(D)	▲	●			●		●	C	B	●	●	●
NPF-120(D)		●HL			●		●	C		●	●	●
OWA-60E								A	B	●	●	
OWA-60U	●	●										
OWA-90E										●		
OWA-90U	▲	●										
OWA-120E										●	●	
OWA-120U		●										
PCD-16 (A/B)	●	●			▲ B type		▲ B type	C		▲ B type	●	●
PCD-25 (A/B)	●	●			▲ B type		▲ B type	C		▲ B type	●	●
PCD-40/60					●		●	C		●	●	●
PLC-30	●				●	●	●	C		●	●	●
PLC-45/60/100	●				●	●	●	C	B	●	●	●
PLD-16 (A/B)	●	●			▲ B type		▲ B type	C		▲ B type	●	●
PLD-25	●	●						C		●	●	●
PLD-40					●		●	C		●	●	●
PLD-60					●		●	C		●	●	●
PLM-12(E)	▲Blank	▲Blank			●		●	C		●	●	▲ E type
PLM-25(E)	▲	▲Blank			●		●	C		●	●	▲ E type
PLM-40(E)		▲Blank			●		●	C		●	●	▲ E type
PLN-20	●	●			●	●	●	C		●	●	●
PLN-30	●			●	●	●	●	C		●	●	●
PLN-45	●	●		●	●	●	●	C		●	●	●
PLN-60	●	●		●	●	●	●	C	B	●	●	●
PLN-100	●	●		●	●	●	●	C	B	●	●	●
PLP-20/30/45/60	●	●			●		●	C		●	●	●
PWM-40	●	●HL			●		●	C		●	●	●
PWM-60	●	●HL			●		●	C		●	●	●
PWM-90	▲	●			●		●	C		●	●	●
PWM-120		●HL			●		●	C		●	●	●

**Note 4 :** Except for PLC, PLM-E and PLP series that the standard models are certified for CCC, CCC models are offered as optional models.  
**HL:** Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires.

# Certification Chart

## ► Metal Case

● : Certified for whole series ; ▲ : Certified for assigned models

Standard / Series	Class 2 power unit	UL8750 (type"HL")	UL60950-1	UL879	EN61347-1, EN61347-2-13	PSE J61347-1, J61347-2-13	EN55015	EN61000-3-2 Class □	EN55022 Class □	CE	CB	CCC (Note 1)
CEN-60/75	●	●		●	●	●	●	C		●	●	●
CEN-100	●	●			●	●	●	C		●	●	●
ELG-75	●	●HL			●		●	C		●	●	●
ELG-100	●	●HL			●		●	C		●	●	●
ELG-150		●HL			●		●	C		●	●	●
ELG-200	Under Development											
ELG-240		●HL			●		●	C		●	●	●
ELG-75-C		●HL			●		●	C		●	●	●
ELG-100-C		●HL			●		●	C		●	●	●
ELG-150-C		●HL			●		●	C		●	●	●
ELG-200-C	Under Development											
ELG-240-C		●HL			●		●	C		●	●	●
CLG-60/100	●	●		●	●	●	●	C	B	●	●	●
CLG-150		●	●	●		▲	●	C	B	●	●	▲
HLG-40H	●	●HL			●	●	●	C		●	●	●
HLG-60H	●	●HL			●	●	●	C		●	●	●
HLG-80H	●	●HL			●	●	●	C		●	●	●
HLG-100H	●	●HL			●	●	●	C	B	●	●	●
HLG-120H		●HL			●	●	●	C	B	●	●	●
HLG-150H		●HL			●	●	●	C	B	●	●	●
HLG-185H		●HL			●	●	●	C	B	●	●	●
HLG-240H		●HL	●		●	●	●	C	B	●	●	▲
HLG-320H		●HL			●	▲	●	C	B	●	●	▲
HLG-600H		●HL	●		●	●	●	C	B	●	●	●
HLG-60H-C		●			●	●	●	C		●	●	●
HLG-80H-C		●			●	●	●	C		●	●	●
HLG-120H-C		●			●	●	●	C		●	●	●
HLG-185H-C		●			●	●	●	C		●	●	●
HLG-240H-C		●HL			●		●	C		●	●	●
HLG-320H-C		●HL			●		●	C		●	●	●
HVG-65	●	●					●	C				
HVG-100	●	●HL					●	C				
HVG-150		●HL					●	C				
HVG-240		●HL										
HVG-320		●HL										
HVGC-65		●			●		●	C		●	●	
HVGC-100		●			●		●	C		●	●	
HVGC-150		●HL			●		●	C		●	●	
HVGC-240		●HL										
HVGC-320		●HL										

Note1: CCC models are offered as optional models.