Comparison for LED Lamp Fitting Specification(30000lm-38000lm）

2015/10/16
LUMIA

Item/Maker	LUMIA	Panasonic	Toshiba Lighting	Iwasaki Electric	Mitsubishi Electric	ENDO Lighting	T-NET JAPAN	
Photo Image								
Model Number	HL30K	NNY24610K LF2	**NON**	E31201M/NSAN2	EL-S28001N/S AHN	ERG5292S	NV-1000X	
Release Date	2015/09	2015/01		2012/04	2014/03	2014/01	2014/05	
LED TYPE	COBx3pcs	HPSC		COBx10pcs	COBx10pcs	COBx4pcs	HPSC	
LED MAKER	Nichia	?		?	?	?	Nichia	
LED efficiency（lm/w）	**129**	**92.7**		**100**	**86**	**107.6**	**110**	
Nominal CCT(K)	5000	5000		5000	5000/+600/-500	5000	5000	
LED CRI（Ra）	70(80 Option）	70		70	70	70	70	
Total luminous flux（lm）	**31000**	**32800**		**38000**	**32700**	**37388**	**32300**	
Beam Angle（degree）	30, 60, 90	28, 35, 50, 75		19, 48, 100	8	46	30, 42, 60, 80, 120	
Light reflector	Polycarbonate/Mirror surface	-		Polycarbonat/Mirror surface	Al /Mirror surface	Al /Mirror surface	-	
Lens	Silicon Lens	Acrylic Lens		-	Acrylic Lens	-	Acrylic Lens	
Front Cover	Heat-resistant PC(t=3.0)	Transparence PC（t=3.0)		Transparence acrylate	Transparence acrylate	Transparence PC（t=3.0)	Transparence PC（t=3.0)	
Cooling body	**Al/Alumite+PC-G+ALC400**	**Al/ Alumite**		**AlD/Polyester coating**	**AlD/Polyester coating**	**AlD/Metallic coating**	**AlD/Metallic coating**	
Operating temperature(deg)	-25～+50	-20～+35		-20～+40	-5～+35	?	-40～+60	
Product Lifetime(h)	**80000**	**40000**		**40000**	**40000**	**60000**	**50000**	
Power unit combine Type	-	●		●	●	●	-	
Power unit separete Type	●	-		-	-	-	●	
Power consumption(W)	200V/240	200V/1.77A/354		200V/380	200V/380	200V/371.2	200V/280	
Water resistance(IP Rank)	**IP65**	**IP65**		**IP65**	**IP43**	**IP66**	**IP67**	
Salt-Tolerant(Y/N)	Y(Option)	Y		Y	Y	Y	Y	
Survival wind speed(m/s)	60	60		60	60	-	60	
Modulated light(Y/N)	Y(Zigbee/PWM Option)	Y(Option)		N	N	Y (smartLEDZ)	Y(PWM Option)	
Dimension WxHxD(mm）	185x330x120	238x441x262		504X394x398	500x365x435	650x490x380x	Φ397x150	
Fixing bracket	Tilting Type (t=3.2&hot dip zincing）	Tilting Type (t=4.5&hot dip zincing）		Tilting Type (t=4.5&hot dip zincing）	Tilting Type (t=8.0&hot dip zincing）	Tilting Type (t=4.5&hot dip zincing）	Tilting Type (t=3.2&hot dip zincing）	
weight (Kg)	**5.8**	**11.8**		**22**	**28.7**	**24.4**	**5.5**	
Warranty period	**5 Year**	**1 Year /LED, 3 Year/power unit**		**1 Year /LED, 3 Year/power unit**	**1 Year /LED, 3 Year/power unit**	**?**	**3 Year**	
AC input voltage（V）	85-265	200-242		200/240	90-242	90-242	90-279	
Dimension WxHxD(mm）	220x120x80	-		-	-	-	229x98x44	
Weight（Kg）	1.5	Including LED unit		Including LED unit	Including LED unit	Including LED unit	1.9	
Conformance cable specification	600V Insulated Cable （OD=Φ10-13)	600V Insulated Cable (OD=Φ10-13)		600V Insulated Cable (OD=Φ10-13)	600V Insulated Cable (OD=Φ10-14)	600V Insulated Cable (OD=Φ10-12)	600V Insulated Cable (OD=Φ10-12)	
Operating temperature(deg)	-25～+50	-20～+35		-20～+40	-5～+35	-20～+50	-40～+60	
Resistance surge voltage(KV)	15（Common mode）	?		15(Common mode)	15(Common mode)	?	?	
Power unit lifetime(h)	80000	40000		40000	40000	40000	50000（60℃）	
Retail Price(U$)	1,625	2,920		2,860	3,400	1,650	Open Price	
Net Price(U$)								
Installation Site								