



KEMENTERIAN PEMBANGUNAN  
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1690) KPN/ABCi/C/8.0  
Tarikh dikeluarkan : 21<sup>st</sup> February 2012  
Tarikh Mansuh : 21<sup>st</sup> February 2016

Dengan ini diakui bahawa, L.K.H (B) Sdn Bhd., Lot B, Kawasan Perindustrian Beribi, Jalan Gadong, Bandar Seri Begawan, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2  
(refer certification procedures STD3/003  
Issue No. 11, Revision 27<sup>th</sup> May 2008)

: The use of these products subject to the user's specific technical and contractual requirements

Barangan yang diluluskan : 

- LIGHT FITTINGS – Woolite, Hugo, GE Illumination and Power Craft
- COMPONENTS – Power Pack Series, Fluorescent Magnetic Ballast, Fluorescent Electronic Ballast, Ballast for HD Lamps, Capacitor and Lampholders


*(Please refer to Schedule)*

*Note:*

*Tarikh mansuh sehingga 5 tahun, jika barangan tersebut didapati tidak mengikut "Standard and Quality" maka kebenaran akan ditarik balik.*

Tajuk dan Nombor Piawai (spesikasi) yang berkenaan terhadap persijilan yang dikehendaki : ISO 9001 : 2008 Quality Management system –  
The trading of electrical and hardware products.

Issued by : BSI  
Certificate No. : FS 59014  
Certification Validity : 31/05/2013

  
[PENGIRAN ADNAN BIN PENGIRAN BADARUDIN]  
b/p. Setiausaha Tetap (Teknikal & Professional)  
Kementerian Pembangunan.

Issued Date : 21/02/2012



SCHEDULE

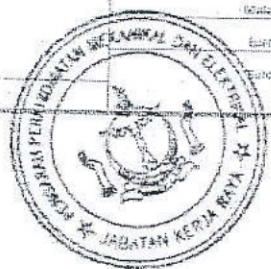
L.K.H (B) SDN BHD.  
(1690) KPN/ABCi/C/8.0



- LIGHT FITTINGS - Woolite, Hugo, GE Illumination and Power Craft
- COMPONENTS - Power Pack Series, Fluorescent Magnetic Ballast, Fluorescent Electronic Ballast, Ballast for HD Lamps, Capacitor and Lampholders

INDEX OF SUBMISSION

Item	Description	Country of Origin for Components	Country Of Origin
<b>(A) LIGHT FITTINGS</b>			
1	WOOLITE WWSLC 75 Series Battery Fluorescent Fitting	Europe/Singapore/Malaysia	Singapore
2	HUGO FMR 70 Series Surface Mounted Fluorescent Fitting	Europe/Singapore/Malaysia	Singapore
3	HUGO FMR 75 PP Series Surface Mounted Fluorescent Fitting	Europe/Singapore/Malaysia	Singapore
4	WOOLITE WWSLC 75 Series Battery Lampshade	Europe/Singapore/Malaysia	Singapore
5	WOOLITE WWSLR 70 Series Mirror Ceiling Recessed Fitting	Europe/Singapore/Malaysia	Singapore
6	WOOLITE WWSMR 75 Series Weatherproof IP 65 Fluorescent Fitting	Europe/Singapore/Malaysia	Singapore
7	HUGO HLC Series Downlight	Europe/Singapore/Malaysia	Singapore
8	HUGO HSD Standard Downlight Lighting	Europe/Singapore/Malaysia	Singapore
9	HUGO HSD LED Series Downlight Lighting	Europe/Singapore/Malaysia	Singapore
10	HUGO HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
11	HUGO HSDZ Series Outdoor Floodlight (Symmetrical)	Europe/Singapore/Malaysia	Singapore
12	HUGO HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
13	HUGO HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
14	HUGO HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
15	HUGO HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
16	GE Illumination HSDZ Series Outdoor Floodlight (Asymmetrical)	Europe/Singapore/Malaysia	Singapore
17	POWER CRAFT HSDZ Series Emergency Light Strips	Singapore	Singapore
<b>(B) COMPONENTS</b>			
1	POWERPACK Standby Power Pack Series	Singapore	Singapore
2	RELE Standby Power Pack Series	Singapore	Singapore
3	RELE Standby Power Pack Series	Singapore	Singapore
4	RELE Standby Power Pack Series	Singapore	Singapore
5	RELE Standby Power Pack Series	Singapore	Singapore
6	RELE Standby Power Pack Series	Singapore	Singapore
7	RELE Standby Power Pack Series	Singapore	Singapore
8	RELE Standby Power Pack Series	Singapore	Singapore
9	RELE Standby Power Pack Series	Singapore	Singapore
10	RELE Standby Power Pack Series	Singapore	Singapore
11	RELE Standby Power Pack Series	Singapore	Singapore
12	RELE Standby Power Pack Series	Singapore	Singapore
13	RELE Standby Power Pack Series	Singapore	Singapore
14	RELE Standby Power Pack Series	Singapore	Singapore
15	RELE Standby Power Pack Series	Singapore	Singapore
16	RELE Standby Power Pack Series	Singapore	Singapore
17	RELE Standby Power Pack Series	Singapore	Singapore
18	RELE Standby Power Pack Series	Singapore	Singapore
19	RELE Standby Power Pack Series	Singapore	Singapore
20	RELE Standby Power Pack Series	Singapore	Singapore
21	RELE Standby Power Pack Series	Singapore	Singapore
22	RELE Standby Power Pack Series	Singapore	Singapore
23	RELE Standby Power Pack Series	Singapore	Singapore
24	RELE Standby Power Pack Series	Singapore	Singapore
25	RELE Standby Power Pack Series	Singapore	Singapore
26	RELE Standby Power Pack Series	Singapore	Singapore
27	RELE Standby Power Pack Series	Singapore	Singapore
28	RELE Standby Power Pack Series	Singapore	Singapore
29	RELE Standby Power Pack Series	Singapore	Singapore
30	RELE Standby Power Pack Series	Singapore	Singapore
31	RELE Standby Power Pack Series	Singapore	Singapore
32	RELE Standby Power Pack Series	Singapore	Singapore
33	RELE Standby Power Pack Series	Singapore	Singapore
34	RELE Standby Power Pack Series	Singapore	Singapore
35	RELE Standby Power Pack Series	Singapore	Singapore
36	RELE Standby Power Pack Series	Singapore	Singapore
37	RELE Standby Power Pack Series	Singapore	Singapore
38	RELE Standby Power Pack Series	Singapore	Singapore
39	RELE Standby Power Pack Series	Singapore	Singapore
40	RELE Standby Power Pack Series	Singapore	Singapore
41	RELE Standby Power Pack Series	Singapore	Singapore
42	RELE Standby Power Pack Series	Singapore	Singapore
43	RELE Standby Power Pack Series	Singapore	Singapore
44	RELE Standby Power Pack Series	Singapore	Singapore
45	RELE Standby Power Pack Series	Singapore	Singapore
46	RELE Standby Power Pack Series	Singapore	Singapore
47	RELE Standby Power Pack Series	Singapore	Singapore
48	RELE Standby Power Pack Series	Singapore	Singapore
49	RELE Standby Power Pack Series	Singapore	Singapore
50	RELE Standby Power Pack Series	Singapore	Singapore
51	RELE Standby Power Pack Series	Singapore	Singapore
52	RELE Standby Power Pack Series	Singapore	Singapore
53	RELE Standby Power Pack Series	Singapore	Singapore
54	RELE Standby Power Pack Series	Singapore	Singapore
55	RELE Standby Power Pack Series	Singapore	Singapore
56	RELE Standby Power Pack Series	Singapore	Singapore
57	RELE Standby Power Pack Series	Singapore	Singapore
58	RELE Standby Power Pack Series	Singapore	Singapore
59	RELE Standby Power Pack Series	Singapore	Singapore
60	RELE Standby Power Pack Series	Singapore	Singapore
61	RELE Standby Power Pack Series	Singapore	Singapore
62	RELE Standby Power Pack Series	Singapore	Singapore
63	RELE Standby Power Pack Series	Singapore	Singapore
64	RELE Standby Power Pack Series	Singapore	Singapore
65	RELE Standby Power Pack Series	Singapore	Singapore
66	RELE Standby Power Pack Series	Singapore	Singapore
67	RELE Standby Power Pack Series	Singapore	Singapore
68	RELE Standby Power Pack Series	Singapore	Singapore
69	RELE Standby Power Pack Series	Singapore	Singapore
70	RELE Standby Power Pack Series	Singapore	Singapore
71	RELE Standby Power Pack Series	Singapore	Singapore
72	RELE Standby Power Pack Series	Singapore	Singapore
73	RELE Standby Power Pack Series	Singapore	Singapore
74	RELE Standby Power Pack Series	Singapore	Singapore
75	RELE Standby Power Pack Series	Singapore	Singapore
76	RELE Standby Power Pack Series	Singapore	Singapore
77	RELE Standby Power Pack Series	Singapore	Singapore
78	RELE Standby Power Pack Series	Singapore	Singapore
79	RELE Standby Power Pack Series	Singapore	Singapore
80	RELE Standby Power Pack Series	Singapore	Singapore
81	RELE Standby Power Pack Series	Singapore	Singapore
82	RELE Standby Power Pack Series	Singapore	Singapore
83	RELE Standby Power Pack Series	Singapore	Singapore
84	RELE Standby Power Pack Series	Singapore	Singapore
85	RELE Standby Power Pack Series	Singapore	Singapore
86	RELE Standby Power Pack Series	Singapore	Singapore
87	RELE Standby Power Pack Series	Singapore	Singapore
88	RELE Standby Power Pack Series	Singapore	Singapore
89	RELE Standby Power Pack Series	Singapore	Singapore
90	RELE Standby Power Pack Series	Singapore	Singapore
91	RELE Standby Power Pack Series	Singapore	Singapore
92	RELE Standby Power Pack Series	Singapore	Singapore
93	RELE Standby Power Pack Series	Singapore	Singapore
94	RELE Standby Power Pack Series	Singapore	Singapore
95	RELE Standby Power Pack Series	Singapore	Singapore
96	RELE Standby Power Pack Series	Singapore	Singapore
97	RELE Standby Power Pack Series	Singapore	Singapore
98	RELE Standby Power Pack Series	Singapore	Singapore
99	RELE Standby Power Pack Series	Singapore	Singapore
100	RELE Standby Power Pack Series	Singapore	Singapore



SCHEDULE

L.K.H (B) SDN BHD.  
(1690) KPN/ABCi/C/8.0

- LIGHT FITTINGS – Woolite, Hugo, GE Illumination and Power Craft
- COMPONENTS – Power Pack Series, Fluorescent Magnetic Ballast, Fluorescent Electronic Ballast, Ballast for HID Lamps, Capacitor and Lampholders



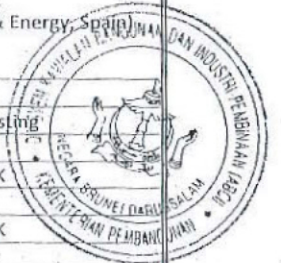
Summary - Details of light fittings complete with model numbers and test report

Item	Description		Model No	Model Tested	Test report Reference
(A)	LIGHT FITTINGS				
1	WOOLITE WWLC - T5 Series Batten Fluorescent Fitting	a	WWLC 141	WWLC-T5/281 WWLC-T5/141	55S060353/A/KYM/THK 55S060353/B/KYM/THK
		b	WWLC 142		
		c	WWLC 281		
		d	WWLC 282		
		e	WWLC 541		
		f	WWLC 542		
2	HUGO Germany- FMR T5 Series Surface Mounted Fluorescent Fitting	a	F.141.FMR 141	F.141.FMR 141	719178215-EEC10-KYM
		b	F.142.FMR 142		
		c	F.141.FMR 281		
		d	F.142.FMR 282		
3	HUGO Germany- FMR T5 Series - PP Surface Mounted Fluorescent Fitting	a	FMR 141 / T5 - PP	FMR 141 / T5 - PP	719178215-EEC10-KYM
		b	FMR 142 / T5 - PP		
		c	FMR 281 / T5 - PP		
		d	FMR 282 / T5 - PP		
4	WOOLITE WWLC - T8 Batten Luminaire	a	WWLC 181	WWLC 361 WWLC 181	11-22836/NSC/LST 55S01645/A/HPW/THK
		b	WWLC 182		
		c	WWLC 361		
		d	WWLC 362		
		e	WWLC 363		
		f	WWLC 651		
		g	WWLC 652		



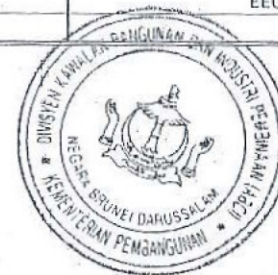
Summary - Details of light fittings complete with model numbers and test report

Item	Description		Model No	Model Tested	Test report Reference
5	WOOLITE WARM - T8 Series Mirror Louvre Recessed Fitting	a	WARM 182	WARM 4018/M22 (Old model number) WARM 4036/M24 (Old model number)	I1-18877/NSC/LST I1-18886/NSC/LST
		b	WARM 183		
		c	WARM 184		
		d	WARM 362		
		e	WARM 363		
		f	WARM 364		
6	WOOLITE WWEM - T8 Series Weatherproof IP 65 Fluorescent Fitting	a	WWEM 181	WWEM 361	I1-25217/OCY/THK (PSB) LCO-No 26061234-B (Endorsed by Ministry of Industries & Energy, SPRING)
		b	WWEM 182		
		c	WWEM 361		
		d	WWEM 362		
		e	WWEM 581		
		f	WWEM 582		
7	HUGO Germany PLC Downlight	a	6182	6182	HDB Material Approval Listing
8	HUGO Germany Linkway Lighting	a	5301	5301	55S041016/HPW/THK
9	HUGO Linkway Lighting - LED Series	a	5301 - LED Series	5301 - LED Series	55S041016/HPW/THK
10	HUGO Germany Outdoor Floodlight WNZY Series (Asymmetrical)	a	WNZY - 2006 / 70RX7S	WNZY - 2006 Series	SIRIM 2005EL0051 (IP 65)
		b	WNZY - 2006 / 150RX7S		
11	HUGO Germany Outdoor Floodlight WNZY Series (Symmetrical)	a	WNZY - 2009A / 70E27	WNZY - 2009A Series	SIRIM 2005EL0052 (IP 65)
		b	WNZY - 2009A / 70RX7S		
		c	WNZY - 2009A / 150E27		
		d	WNZY - 2009A / 150RX7S		
12	HUGO Germany Outdoor Floodlight WMAC Series (Asymmetrical)	a	WMAC-70RX7S	WMAC Series	SIRIM 2005EL0049 (IP 65)
		b	WMAC-70E27		
		c	WMAC-150RX7S		
		d	WMAC-150E27		
13	HUGO Germany Outdoor Floodlight WMHL 13 Series (Asymmetrical)	a	WMHL 250 - MH	WMHL 13 Series	SIRIM 2005EL0053 (IP 65)
		b	WMHL 250 - HPS		
		c	WMHL 400 - MH		
		d	WMHL 400 - HPS		
14	HUGO Germany Outdoor Floodlight WMHL 10 Series (Symmetrical)	a	WMHL 10 - 1000MH54	WMHL 10 Series	SIRIM 2005EL0054 (IP 65)
		b	WMHL 10 - 1000HPS		



Summary - Details of light fittings complete with model numbers and test report

Item	Description		Model No	Model Tested	Test report Reference
15	HUGO Germany Outdoor Floodlight WMAR Series (Symmetrical)	a	WMAR250-MH	WMAR Series	SIRIM 2005EL0050 (IP 65)
		b	WMAR250-HPS		
		c	WMAR400-MH		
		d	WMAR400-HPS		
16	GC Illumination HERAS Landscape Outdoor Light Series	a	Heras - 70 HPS	Heras Sries	TUV & PSB - 7191002602-EEC11-JSL (IP 65)
		b	Heras - 100 HPS		
		c	Heras - 150 HPS		
		d	Heras - 35 CMH		
		e	Heras - 70 CMH		
		f	Heras - LED 16		
		g	Heras - LED 64		
17	POWERCRAFT Fittings  Light (Emergency & Exit Lights)	a	ECL2/240	ECL2/240	S08EEC03153/OCY/DSM & S09EEC01041/OCY/DSM
		b	ECS36/240	ECS36/240	55S020501/DSM/THK & 55S021763/DSM/THK
		c	EL18NM/1A	EL28NM/1A	55S071318/KYM/THK & 55S041219/KYM/THK & 55S041219/A/KYM/THK
		d	EL28NM/1A		
		e	EXB-CCFL-M	EXB-CCFL-M	55S061745OCY/THK & /55S052504/OCY/THK
		f	EX-CCFL-M	EX-CCFL-M	55S052504/OCY/THK
		g	EX-LED-M	EX-LED-M	55S052077/OCY/THK
		h	TED5NM	TED5NM	55S070902/KYM/THK
		i	TED10NM	TED10NM	55S071321/A/KYM/THK & 55S07092/KYM/THK
		j	REL20NM-LED	REL20NM-LED	EEC09/719154161



Summary - Details of Components complete with model numbers and test report

Item	Description		Model No	Model Tested	Test report Reference
(B)	<b>COMPONENTS</b>				
1	<b>Power Pack Series</b>				
a)	- Hugo Germany	a	WPP - FLT - 8 / 18	WPP - FLT - 10 - 36	55S021813/DSM/THK
		b	WPP - FLT - 10 - 36		
		c	WPP - CFL		
b)	- Powercraft	a	ECL2/240	ECL2/240	S08EEC03153/OCY/DSM & S09EEC01041/OCY/DSM EEC09/719154161 *
		b	REL20NM-LED	REL20NM-LED	
		c	ECS36/240	ECS36/240	
2	<b>Fluorescent Magnetic Ballast</b>				
a)	- Vossloh - Schwabe: ELXc.135.856	a	1 x T5 14 W	ELXc.135.856	Certificate of Conformity: 040636-11
		b	1 x T5 21 W		
		c	1 x T5 28 W		
		d	1 x T5 35 W		
b)	- Refas	a	R18-EL3A	R18-EL3A	I155S021880/RON/THK
		b	R36-L4A	R36-L4A	I1-24078/LHL/LST
c)	- ATCO Tridonic	a	1 x 36 W T	EC 36 / 400P	55S042203/RON/THK
		b	1 x 40 W T		
		c	1 x 36 W TCF		
		d	1 x 36 W TCL		
		e	1 x 38 W TCDD		
3	<b>Fluorescent Electronic Ballast</b>				
a)	- Refas	a	R02-114-21B	R02-114-21B	55S070063/A/JLW/DSM
		b	R02-128-35B	R02-128-35B	
b)	- Philips	a	EB-E 236 TLD		
c)	- Osram Quicktronic Professional Series	a	QTP 1 x 18 / 230-240	QTP 2 x 36	30S0001644/LHL/LST
		b	QTP 2 x 18 / 230-240		
		c	QTP 1 x 36 / 230-240		
		d	QTP 2 x 36 / 230-240		
4	<b>Ballast for HID Lamps - Refas HID Series</b>				
		a	RB70HS4A-P (70 Watts)	RB70HS4A-P (70 Watts)	2008EL0503 (SIRIM)
		b	RB150HS4A-PF (150 Watts)	RB150HS4A-PF (150 Watts)	2009EL0506 (SIRIM)
		c	RB250HS4A-P (150 Watts)	RB250HS4A-P (150 Watts)	2007EL0913 (SIRIM)
5	<b>Capicitor - Elco</b>				
		a	Please refer to Annexure A	Please refer to Annexure A	SIRIM PE002401
6	<b>Lampholders</b>				
a)	- SRIJAYA	a	SRIJAYA S900	SRIJAYA S900	2010EL0080 (SIRIM)
		b	SRIJAYA S910	SRIJAYA S910	
		c	SRIJAYA S912	SRIJAYA S912	
b)	- Vossloh-Schwabe GmbH	a	Please refer to Annexure B	Please refer to Annexure B	VDE 40007247
c)	- Stucchi (Italy)	a	Please refer to Annexure C	Please refer to Annexure C	EM 782

