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كمنتريڤ قباڤونڤ

KEMENTERIAN PEMBANGUNAN
BANDAR SERI BEGAWAN BB3510
NEGARA BRUNEI DARUSSALAM

Rujukan Kami :
Our Reference : (2414) KPN/ABCi/C/8.0

Rujukan Kami :
Your Reference :

Safar 1438
2hb. Nobember 2016

Yang Mulia,
Pengarah Urusan
MORSJAYA ELECTRICAL CO. SDN BHD
No. 5-8, Bangunan Hj Othman
Kg Pengkalan Gadong BE3719
Bandar Seri Begawan
Negara Brunei Darussalam.

Tel : + 673 2448469/70
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Tuan,

PERMOHONAN BARU PERSIJILAN PRODUK BAGI BAHAN-BAHAN BINAAN PHILIPS LIGHTING

Dengan hormat sukacita merujuk permohonan pihak Tuan yang diterima pada 27hb. June 2016 oleh pihak ABCi selaku Urusetia Jawatankuasa Persijilan Produk untuk didaftarkan mengikut Skim Persijilan Produk bagi bahan-bahan binaan dibawah Kementerian Pembangunan seperti diatas.

Sukacita memaklumkan bahawa Jawatankuasa Persijilan Produk bagi bahan-bahan binaan telah meluluskan produk berikut:

PHILIPS LIGHTING

Untuk berdaftar dibawah **Skim 2 Persijilan Produk** bagi bahan-bahan binaan bagi tempoh **02hb. Nobember 2016 sehingga 01hb. March 2018.**

Untuk makluman, sukacita dikehendaki pihak syarikat Tuan untuk menghadapkan permohonan **MEMBAHARUI** Persijilan Produk bagi Bahan-Bahan Binaan tiga (3) bulan sebelum tarikh mansuh seperti yang dinyatakan di atas.

Jika syarikat dan produk yang dihadapkan tersebut didapati sebarang laporan atau maklumat mengenai ketidakberkesanan dari segi teknikal dan keupayaan, surat kebenaran dan Persijilan Produk akan ditarik balik dengan serta merta.

Dalam tempoh ini juga, Jawatankuasa Persijilan Produk atau pemeriksa pihak ketiga (3rd Party) yang dilantik akan menjalankan pemeriksaan keatas produk-produk seperti konsisten kualiti yang dikeluarkan secara rawak (random).

Jika kualiti produk didapati tidak memuaskan semasa pemeriksaan dijalankan, ianya hendaklah diperbaiki dengan segera. Jika gagal berbuat sedemikian, surat kebenaran Persijilan produk berkenaan akan dibatalkan dan penggunaan produk tidak boleh diguna pakai dalam mana-mana projek Kerajaan.

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Sila ambil maklum bahawa penggunaan produk ini oleh pihak Tuan bagi projek-projek Kerajaan KDYMM adalah tertakluk kepada keperluan khas jabatan pengguna dari segi teknikal dan kontrak.

Walaupun bagaimanapun jika produk Tuan ini didapati memuaskan selepas tempoh ini, Tuan bolehlah menghadapkan permohonan untuk membarui persijilan produk dan seterusnya memohon untuk didaftarkan mengikut Skim Persijilan Produk bagi bahan-bahan binaan dibawah Kementerian Pembangunan.

Kementerian Pembangunan berharap semua produk-produk yang dibekalkan di Negara Brunei Darussalam adalah konsisten berkualiti.

" BERSEDIA BERKHIDMAT "
"Teknologi Maklumat Mencetuskan Masyarakat Berinovatif"

Dengan hormat,

[**DAYANG HAJAH SITI AIDAH BINTI HAJI MOHAMMAD**]
b.p. Setiausaha Tetap (Teknikal & Profesional)
Kementerian Pembangunan

s.k.

- ↳ Ketua Pengarah Kerja Raya, JKR
- ↳ Pengarah Jalanraya, JKR
- ↳ Pengarah Perkhidmatan Teknikal, JKR
- ↳ Pengarah Perkhidmatan Air, JKR
- ↳ Pengarah Perkhidmatan Bangunan, JKR
- ↳ Pengarah Saliran dan Pembedungan, JKR
- ↳ Pengarah Mekanikal & Elektrikal, JKR
- ↳ Pengarah Kemajuan Perumahan
- ↳ Pengarah Alam Sekitar, Taman dan Rekreasi
- ↳ Fail KPN/ABCi/C/8.1.5

NAHJ/yam



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (2414) KPN/ABC/C/8.0

Tarikh dikeluarkan : 02hb. Nobember 2016

Tarikh Mansuh : 01hb. March 2018

Dengan ini diakui bahawa MORSJAYA ELECTRICAL CO. SDN BHD No. 5-8, Bangunan Hj Othman, Kg Pengkalan Gadong BE3719 Bandar Seri Begawan Negara Brunei Darussalam, telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-


Skim Persijilan : Skim 2
(Sila rujuk Prosidur Persijilan STD3/003
Keluaran No. 11, Semakan 27hb. Mei 2008)
: Penggunaan produk ini tertakluk kepada keperluan
khas pengguna dari segi teknikal dan kontrak.

Barangan yang diluluskan : PHILIPS LIGHTING

Nota: Sila Rujuk Appendix B

Tajuk dan Nombor Piawai (spesikasi) : ISO 9001:2008
yang berkenaan terhadap persijilan yang
dkehendaki. The Quality Management Systems
Management, Innovation, Marketing, Manufacturing,
Sales and Supply of Lighting products, systems and
services.

Issued by: SGS United Kingdom Ltd Systems & Services
Certificate No: GB10/81148.00
Certificate Validity: 01hb. March 2018


[DAYANG HAJAH SITI ADAH BINTI HAJI MOHAMMAD]
b.p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan

Tarikh dikeluarkan: 02hb. Nobember 2016

Nota:
Syarikat hendaklah menghadapkan borang permohonan membaharui tiga (3) bulan sebelum tarikh Sijil Pendaftaran mansuh.

Jika produk yang dihadapkan tidak memenuhi piawaian dan spesifikasi yang ditetapkan, surat kebenaran dan persijilan produk ditarik balik dengan serta merta.

ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
1.	PHILIPS	SmartBright LED Batten (T8 replacement) BN012C	PHILIPS 12NC	VALUE PROPOSITION	CHINA	
			911401840199	CCT4000K, 6500K		BN012C LED20/NW L1200
			911401840299	IP20, SDCM<6, CRI80		BN012C LED20/CW L1200
			911401840399	Length: 600mm or 1200mm		BN012C LED10/NW L600
			911401840499	Beam Angle: 140D	BN012C LED10/CW L600	
				Class II, Power Factor 0.8		
				Driver: built-in PSU Non dim		
				Lifespan: 25,000hrs LM70		
				Surface mounted		
				220-240V, 50/60 Hz		
2.		GreenUp Trunking LL100X	911401503131	CCT: 4000K and 6500K	LL100X LED30 L1200 NW PSU 3 DA MB	
			911401503231	IP20, CRI85, SDCM<5	LL100X LED30 L1200 CW PSU 3 DA MB	
			911401503331	Driver: Fixed output	LL100X LED30 L1200 NW PSU 3 OP MB	
			911401503431	Mounting: suspended or surface	LL100X LED30 L1200 CW PSU 3 OP MB	
			911401503531	CCT: 6500K and 4000K	LL100X LED30 L1200 CW PSU 3 OP MB	
			911401503531	Max connection length: 72m	LL100X LED60 L2400 NW PSU 3 DA MB	
			911401503631	Length: 1159mm and 2319mm	LL100X LED60 L2400 CW PSU 3 DA MB	
			911401503731	Optics: Asymmetrical or Opal diffuser	LL100X LED60 L2400 NW PSU 3 OP MB	
			911401503831	Power Factor >0.9	LL100X LED60 L2400 CW PSU 3 OP MB	
				Materials: track: Sturdy cold rolled sheet steel ; body: galvanized steel, cover: PC		
				220-240V, 50/60 Hz		



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN
3.	PHILIPS	GreenPerform LED Highbay G3	PHILIPS 12NC	VALUE PROPOSITION	CHINA
			911401844399	Lifetime L70B50 50,000hrs@Ta35°C	BY698P LED110/NW PSU NB EN
			911401844499	Operation Temperature: - 30°C < Ta < 50°C	BY698P LED110/NW PSU WB EN
			911401844599	IP/IK rating IP65 / IK07	BY698P LED110/NW PSD NB EN
			911401844699	Classification Class I	BY698P LED110/NW PSD WB EN
			911401843999	Certificate CB/EMC/SAA/CE/TISI	BY698P LED160/NW PSU NB EN
			911401844099	Installation Pendant (pole/hook/bracket)	BY698P LED160/NW PSU WB EN
			911401844199	System Lumen :	BY698P LED160/NW PSD NB EN
			911401844299	11000lm (Fix), 10000lm (Dali)/	BY698P LED160/NW PSD WB EN
			911401843599	16000lm (Fix & Dali)/	BY698P LED200/NW PSU NB EN
			911401843699	20000lm (Fix & Dali)/	BY698P LED200/NW PSU WB EN
			911401843799	29000lm (Fix & Dali)	BY698P LED200/NW PSD NB EN
			911401843899	Color temperature CW (6500K)/ NW (4000K)	BY698P LED200/NW PSD WB EN
			911401846399	CRI CRI>80	BY698P LED110/CW PSU NB L3000 EN
			911401846499	Color consistency <5SDCM	BY698P LED110/NW PSU NB L3000 EN
			911401846599	Beam Angle BY698P LED110 : NB; WB	BY698P LED110/CW PSU WB L3000 EN
			911401846699	BY698P LED160 : NB; WB	BY698P LED110/NW PSU WB L3000 EN
			911401846799	BY698P LED200 : NB; WB	BY698P LED110/CW PSD NB L3000 EN
			911401846899	BY698P LED300 : E-NB; NB	BY698P LED110/NW PSD NB L3000 EN
			911401846999	System Wattage 85W	BY698P LED110/CW PSD WB L3000 EN
			911401847099	Input Voltage 220-240V, 50/60 Hz	BY698P LED110/NW PSD WB L3000 EN
			911401845599	Driver PSU/PSD	BY698P LED160/CW PSU NB L3000 EN
			911401845699	Power factor PF 0.95	BY698P LED160/NW PSU NB L3000 EN
			911401845799	Surge L,N 2KV; L,N-GND 4KV	BY698P LED160/CW PSU WB L3000 EN
			911401845899		BY698P LED160/NW PSU WB L3000 EN



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
Con't 3.	PHILIPS	GreenPerform LED Highbay G3	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401845999	Housing material: Aluminum Die-casting	BY698P LED160/CW PSD NB L3000 EN	
			911401846099	Optical material: Lens Cover: Optical PC	BY698P LED160/NW PSD NB L3000 EN	
			911401846199	Dimensions BY698P LED110 : 379mm x 96mm	BY698P LED160/CW PSD WB L3000 EN	
			911401846299	BY698P LED160 : 417mm x 105mm	BY698P LED160/NW PSD WB L3000 EN	
			911401844799	BY698P LED200 : 452mm x 107mm	BY698P LED200/CW PSU NB L3000 EN	
			911401844899	BY698P LED300 : 530mm x 120mm	BY698P LED200/NW PSU NB L3000 EN	
			911401844999	Weight BY698P LED110 : 3.2kg	BY698P LED200/CW PSU WB L3000 EN	
			911401845099	BY698P LED160 : 4.2kg	BY698P LED200/NW PSU WB L3000 EN	
			911401845199	BY698P LED200 : 4.7kg	BY698P LED200/CW PSD NB L3000 EN	
			911401845299	BY698P LED300 : 7.5kg	BY698P LED200/NW PSD NB L3000 EN	
			911401845399		BY698P LED200/CW PSD WB L3000 EN	
			911401845499		BY698P LED200/NW PSD WB L3000 EN	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN
4.	PHILIPS	GreenSpace surface mounted downlight LED	PHILIPS 12NC	VALUE PROPOSITION	CHINA
			911401847199	Conv.lum replacement CFL 1x26W	SM291C LED10/830 PSU WH GM
			911401847299	CFL 2x26W; CDM 35W CDM 70W	SM291C LED10/840 PSU WH GM
			911401847399	CDM 150W	SM291C LED10/865 PSU WH GM
			911401847499	Input voltage 220V-240V/50-60Hz	SM293C LED20/830 PSU WH GM
			911401847599	Housing Color White	SM293C LED20/840 PSU WH GM
			911401847699	Power 10W 20W 38W 66W	SM293C LED20/865 PSU WH GM
			911401848599	PF >0.90	SM294C LED40/830 PSU WH GM
			911401848699	CCT 3000K; 4000K; 6500K	SM294C LED40/840 PSU WH GM
			911401848799	System Lumen 1000lm @ 4000K 2000lm @ 4000K 3800lm @ 4000K 6600lm @ 4000K System Efficacy 100lm/W @ 4000K 100lm/W @ 4000K 100lm/W @ 4000K 100lm/W @ 4000K CRI 80 SDCM ≤5 Beam angle 90° 60° Diameter 160mm 200mm Approbation CB / EMC / CE / SAA Electrical class Class I Operating temperature -20°C < ta < 40°C Lifetime 50,000 hours (L70 @Ta=25°C) Mounting type Surface mounted IP rating IP20 Driver Fixed output	SM294C LED40/865 PSU WH GM



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
5.	PHILIPS	GreenUp Lowbay G2 BY288P	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401843099	Model GreenUp Lowbay G2	BY288P LED90/NW PSU EN	
			911401842799	Lifetime L70B50: 50000hrs @ Ta35°C	BY288P LED90/CW PSU EN	
			911401843499	Operation Temperature : -20°C to +45°C	BY288P LED60/NW PSU EN	
			911401843399	IP rating IP20	BY288P LED60/CW PSU EN	
			911401843199	Classification Class I	BY288P LED40/NW PSU EN	
			911401842899	Certificate CB/EMC/SAA/CE	BY288P LED40/CW PSU EN	
			911401843299	Installation Pendant (pole/hook/bracket/chain)	BY288P LED90/NW PSR EN	
			911401842999	Housing Color Industry Grey	BY288P LED90/CW PSR EN	
		System Lumen WB: 8800lm/5900lm/3600lm NB: 7200lm/4800lm/2900lm(with reflector) Color temperature : CW (6500K)/ NW (4000K) CRI >80 Color consistency <5 SDCM Beam Angle WB/NB (with reflector) System Wattage 75W/50W/30W Input Voltage 220-240V, 50/60 Hz Driver Fixed (full range); 1~10V dimming (8800lm) Power factor 0.95 Surge L,N 1KV; L,N-GND 2KV				



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
6.	PHILIPS	EnduraBay HPK238	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401094980	<ul style="list-style-type: none"> Lamp pack: <ul style="list-style-type: none"> HPI-P250W-BU, HPI-P400W-BUS HPL-N250W, HPL-N400W SON150W, SON250W, SON400W CDM-EP250W, CDM-EP400W Gear unit: Electromagnetic copper ballast 220V/50Hz, 230/50Hz, 240V/50Hz, 220V/60Hz Gear cover: Die-cast aluminium with sand blast Housing: Die-cast aluminium with black paint Reflector: Semi-matt anodized wide beam reflector; narrow beam as option Glass cover kit: Tempered glass cover with gasket and clip Classifications: Class I, IP43, IK06 Norms compliance: IEC60598, GB7000 Options for empty housing and emergency light 	HPK238 1XHPI-P250W-BU IC 240V-50HZ BK	
			911401095080		HPK238 1XHPI-P400W-BUS IC 240V-50HZ BK	
			911401095180		HPK238 1XSON150W IC 240V-50HZ BK	
			911401095280		HPK238 1XSON250W IC 230-240V-50HZ BK	
			911401095380		HPK238 1XSON400W IC 230-240V-50HZ BK	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
7.	PHILIPS	SmartBright Mini LED Dimmable Downlight G2	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401812499	Color temp (k) 3000/4000	DN103B 1xDLED/840 BRU CE	
			911401812399	Cutout: 90mm (fixed)/100mm (tilt)	DN103B 1xDLED/830 BRU CE	
			911401812299	CRI 80+	DN103B 1xDLED/840 WH CE	
			911401812199	Power factor 0.75	DN103B 1xDLED/830 WH CE	
			911401811799	Rim color: White/Aluminum	DN102B 1xDLED/830 WH CE	
			911401811899	Connection: Terminal block/Flex and plug	DN102B 1xDLED/840 WH CE	
			911401811999	Dimmability Yes	DN102B 1xDLED/830 BRU CE	
			911401812099	Lifetime (hours) 25,000	DN102B 1xDLED/840 BRU CE	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
8.	PHILIPS	Tango G2 BVP281 Flood	PHILIPS 12NC	VALUE PROPOSITION	CHINA	
			911401607303	Lightsource :Mid Power LED Power requirement 220-240V 50/60Hz Powerfactor 0.95(Full Load) Power Consumption 40W;80W; 120W LEDdriver & driving current : Constant current at 700mA Systemlumen output : 4,400; 8,800; 13,200 lumen CRI Min. 80 Colortemperature: 6500K±500K / 4000K ±500K / 3000K ±500K Optics: AMB –Asymmetric, SWB -- Symmetric, SMB-Symmetric	BVP281 LED132/CW 120W 220-240V SMB	
			911401634802		BVP281 LED132/CW 120W 220-240V SWB	
			911401634502		BVP281 LED132/NW 120W 220-240V AMB	
			911401606703		BVP281 LED132/NW 120W 220-240V SMB	
			911401634202		BVP281 LED132/NW 120W 220-240V SWB	
			911401606603		BVP281 LED41/WW 40W 220-240V AMB	
			911401607503		BVP281 LED41/WW 40W 220-240V SMB	
			911401634902		BVP281 LED44/CW 40W 220-240V AMB	
			911401607103		BVP281 LED44/CW 40W 220-240V SMB	
			911401634602		BVP281 LED44/CW 40W 220-240V SWB	
			911401634302		BVP281 LED44/NW 40W 220-240V AMB	
			911401606903		BVP281 LED44/NW 40W 220-240V SMB	
			911401635202		BVP281 LED44/NW 40W 220-240V SWB	
			911401635002		BVP281 LED88/CW 80W 220-240V AMB	
911401607203	BVP281 LED88/CW 80W 220-240V SMB					



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
con't 8.	PHILIPS	Tango G2 BVP281 Flood	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401634702	Housing: Die-cast aluminum (ADC1) Gasket: Heat resistant siliconerubber	BVP281 LED88/CW 80W 220-240V SWB	
			911401634402	Glass: Tempered glass Housing Colour: Grey AluminiumRAL9007	BVP281 LED88/NW 80W 220-240V AMB	
			911401607003	Lifetime: 50,000 hours (70% lumen maintenance @ Ta = 35°C)	BVP281 LED88/NW 80W 220-240V SMB	
			911401634102	Installation :Universal Bracket Dimensions(LxBxH) :370 x 360 x 60mm Weight :6.0 –6.5 kg Classifications IP65; IK07; Class I;RoHS Operating Temperature -40oC to 50oC (Outdoor) Surge protection 10KV Controls Optional -DALI & 1-10V Dimming (ETO)	BVP281 LED88/NW 80W 220-240V SWB	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
9.	PHILIPS	Tango G2 LED Flood BVP282	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401666502	Lightsource: MidPower LED Power requirement: 220-240V 50/60Hz	BVP282 LED164/WW 160W 220-240V AMB	
			911401606203	Powerfactor: 0.95(Full Load) Power Consumption: BVP282:	BVP282 LED164/WW 160W 220-240V SMB	
			911401665902	160W,200W LEDdriver & driving current:Constant	BVP282 LED164/WW 160W 220-240V SWB	
			911401666702	current at 700mA Systemlumen output:BVP282:17,600lm;	BVP282 LED176/CW 160W 220-240V AMB	
			911401606003	22,000lm CRI80	BVP282 LED176/CW 160W 220-240V SMB	
			911401666102	Color temperature: 6500K±500K / 4000K	BVP282 LED176/CW 160W 220-240V SWB	
			911401666902	±500K / 3000K ±500K Optics:A-MB,S-WB, S-MB	BVP282 LED176/NW 160W 220-240V AMB	
			911401606403	Housing: Die-cast aluminum Gasket: Heat resistant siliconerubber	BVP282 LED176/NW 160W 220-240V SMB	
			911401666302	Glass: Tempered glass Housing Colour: Grey AluminiumRAL9007	BVP282 LED176/NW 160W 220-240V SWB	
			911401666402	Lifetime:50,000 hours(70% lumen maintenance @ Ta = 35°C)	BVP282 LED205/WW 200W 220-240V AMB	
			911401606103		BVP282 LED205/WW 200W 220-240V SMB	
			911401665802		BVP282 LED205/WW 200W 220-240V SWB	
			911401666602		BVP282 LED220/CW 200W 220-240V AMB	
911401605903		BVP282 LED220/CW 200W 220-240V SMB				



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
Con't 9.	PHILIPS	Tango G2 LED Flood BVP282	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401666002	Dimensions(LxBxH) 655 x 420 x 54mm Weight 11.8KG	BVP282 LED220/CW 200W 220-240V SWB	
			911401666802	Classifications IP65; IK07; Class I; Operating Temperature -40oC to 50oC	BVP282 LED220/NW 200W 220-240V AMB	
			911401606303	Surge protection 10KV Controls :DALI & 1-10V Dimming options	BVP282 LED220/NW 200W 220-240V SMB	
			911401666202		BVP282 LED220/NW 200W 220-240V SWB	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN	
10.	PHILIPS	Tango Gen 2 HP BVP283	PHILIPS 12NC	VALUE PROPOSITION		CHINA
			911401667902	System lumen output BVP283:	BVP283 LED210/CW 210W 220-240V NB	
			911401669402	21,000lm,24,500lm,28,000lm,32,000lm,34,000lm, 35,500lm	BVP283 LED210/CW 210W 220-240V SWB	
			911401671402	CRI 75	BVP283 LED210/NW 210W 220-240V AWB	
			911401668402	Color temperature: 5700K ± 500K / 4000K ± 500K / 3000K ± 500K	BVP283 LED210/NW 210W 220-240V NB	
			911401669902	Optics : A-WB, S-WB, NB	BVP283 LED210/NW 210W 220-240V SWB	
			911401670802	Housing: Die-cast aluminum Gasket: Heat resistant silicone rubber	BVP283 LED245/CW 245W 220-240V AWB	
			911401667802	Glass: Tempered glass Housing Colour: Grey Aluminium RAL9007	BVP283 LED245/CW 245W 220-240V NB	
			911401669302	Lifetime :50,000 hours (70% lumen maintenance @ Ta = 35°C)	BVP283 LED245/CW 245W 220-240V SWB	
			911401671302	Installation : Universal Bracket Dimensions (LxBxH) :655 x 420 x 54mm	BVP283 LED245/NW 245W 220-240V AWB	
			911401668302	Weight :12.8KG/13.2KG	BVP283 LED245/NW 245W 220-240V NB	
			911401669802	Classifications :IP65; IK07; Class I;	BVP283 LED245/NW 245W 220-240V SWB	
			911401670702	Operating Temperature :-40oC to 45oC (Outdoor)	BVP283 LED280/CW 280W 220-240V AWB	
			911401667702	Surge protection :10KV	BVP283 LED280/CW 280W 220-240V NB	
			911401669202	Controls:DALI & 1-10V Dimming options	BVP283 LED280/CW 280W 220-240V SWB	
911401671202	Certifications: CB, CQC, CE, RoHS	BVP283 LED280/NW 280W 220-240V AWB				



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN
Con't 10.	PHILIPS	Tango Gen 2 HP BVP283	PHILIPS 12NC	VALUE PROPOSITION	
			911401668202		BVP283 LED280/NW 280W 220-240V NB
			911401669702		BVP283 LED280/NW 280W 220-240V SWB
			911401670602		BVP283 LED320/CW 315W 220-240V AWB
			911401667602		BVP283 LED320/CW 315W 220-240V NB
			911401669102		BVP283 LED320/CW 315W 220-240V SWB
			911401671102		BVP283 LED320/NW 315W 220-240V AWB
			911401668102		BVP283 LED320/NW 315W 220-240V NB
			911401669602		BVP283 LED320/NW 315W 220-240V SWB
			911401670502		BVP283 LED340/CW 335W 220-240V AWB
			911401667502		BVP283 LED340/CW 335W 220-240V NB
			911401669002		BVP283 LED340/CW 335W 220-240V SWB
			911401671002		BVP283 LED340/NW 335W 220-240V AWB
			911401668002		BVP283 LED340/NW 335W 220-240V NB
			911401669502		BVP283 LED340/NW 335W 220-240V SWB
			911401689302		BVP283 LED355/CW 350W 220-240V AWB
911401689902		BVP283 LED355/CW 350W 220-240V NB			



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN
Con't 10.	PHILIPS	Tango Gen 2 HP BVP283	PHILIPS 12NC	VALUE PROPOSITION	CHINA
			911401689602	BVP283 LED355/CW 350W 220-240V SWB	
			911401689202	BVP283 LED355/NW 350W 220-240V AWB	
			911401689802	BVP283 LED355/NW 350W 220-240V NB	
			911401689502	BVP283 LED355/NW 350W 220-240V SWB	



ITEM	BRAND	PRODUCT NAME	MODEL	DESCRIPTION	COUNTRY OF ORIGIN
11.	PHILIPS	Vaya Uplight HP	PHILIPS 12NC	VALUE PROPOSITION	CHINA
			911401603303	Color of light source Warm white WW(3000K), natural white	BBP331 21xLED-HP/NW 220-240V 25
			911401603403	NW(4000K), green GN	BBP331 21xLED-HP/NW 220-240V 55 L
			911401603503	Warm white WW(3000K), natural white NW(4000K)	BBP331 21xLED-HP/WW 220-240V 15
			911401603603	Color consistency : SDCM=5 Color rendering CRI75	BBP331 21xLED-HP/WW 220-240V 25
			911401603703	Beam angle: 15°,25°,55°	BBP331 21xLED-HP/WW 220-240V 55 L
			911401697702	Optical configuration: Polarizing angle regulation:±15°, Option of anti-glare louver and decorative panel.	BBP331 15xLED-HP/NW 220-240V 15
			911401697802	(Note: 55° fitting c/w anti-glare louver and available on request for 15° and 25° fitting)	BBP331 15xLED-HP/NW 220-240V 25
			911401697902	Power consumption : 25W / 35W	BBP331 15xLED-HP/GN 220-240V 15
			-	Supply voltage :220-240VAC	-
			911401698002	Control interface :ON/Off	BBP331 15xLED-HP/WW 220-240V 25
			911401698102	Installation method	BBP331 15xLED-HP/WW 220-240V 55 L
			911401698202	Underground installation	BBP331 15xLED-HP/NW 220-240V 55 L
			911401698302	Enclosure: die-casting aluminum, embedded housing: nylon+ glass fibre,	BBP331 15xLED-HP/WW 220-240V 15
			911401698402	luminous surface: tempered glass	BBP331 15xLED-HP/GN 220-240V 25
			911401698502	Lifetime: 50,000 hours	BBP331 15xLED-HP/GN 220-240V 55 L

