



Glacial Family SKD Package for LED Luminaires Design : CoB + GlacialTech LED thermal module + GlacialPower LED Driver

2015.10.06

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)		GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link	
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
CITIZEN	CLU026-1204C1	360	34.6	12.5	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
							TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf
	CLU036-1205C1	450	34.6	15.6	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
							TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf
CLU036-1206C1	540	34.6	18.7	Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	RS26P-48C (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
						RS26P-48CA (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
						TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf	
						TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf	
CLU036-1208C1	720	34.6	24.9	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf	
						LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf	
CLU046-1212C1	1080	34.6	37.4	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS45P-42C (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS45P-42CA (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
				Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS60P-57C (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
						RS60P-57CA (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
CLU046-1812C1	1080	52.0	56.2	Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	LS100P-57 1E (48~60Vdc / 1.65A / 100W ; IP67)		
				Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf			
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf			
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
				Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS100HP (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
CLU046-1818C1	1620	52.0	84.2	Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS100P-57 (43~57Vdc / 1.75A / 99.7W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150P-60 (48~60Vdc / 2.5A / 150W ; LVD & IP67)		
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS100HP (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS150 (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS150HP (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS120 (120W)	http://www.glaciallight.com/products/skd-stamping-SS120.htm			
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
Igloo SR200 (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200heat%20sink_(CT-B2200000LB0NE1).pdf							
		Igloo SR200HP (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200HPheat%20sink_(CT-B200HP00LB0NE1).pdf					

Purpose : Designer can quickly launch LED Luminaires into the market												
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module		GlacialTech Web Link		GlacialPower LED Driver		GlacialPower Web Link	
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)								
CITIZEN	CLU056-1825C1	2250	52.0	117.0	Igloo SS150 (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm						
					Igloo SS150HP (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm						
					Igloo SS200 (200W)	http://www.glaciallight.com/products/skd-stamping-SS.htm						
					Igloo SS200HP (200W)	http://www.glaciallight.com/products/skd-stamping-SS.htm						
	CLU056-3618C1	1620	103.9	168.3	Igloo SR200 (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200heat%20sink_(CT-B220000LB0NE1).pdf	LS150PH-107C (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP67)			http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf		
					Igloo SR200HP (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200HPheat%20sink_(CT-B200HP00LB0NE1).pdf	LS150PH-107CA (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP65 ; Dimming)			http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf		
					Igloo SR250HP (250W)	http://www.glaciallight.com/products/PDF/Igloo-SR250HPheat%20sink_(CT-B250HP00LB0NE1).pdf						
					Igloo SS200 (200W)	http://www.glaciallight.com/products/skd-stamping-SS.htm						
L2C2-xyxy1202E0900	200	34.5	6.9	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	HS10P-48C (26~48Vdc / 0.25A / 12W ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf			
				Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)			http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf			
				Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-48C (26~48Vdc / 0.25A / 12W ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf			
						HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf			
						HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-HS15P%20in1%20DIMM.pdf			
						TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)			http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			
						TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)			http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf			
						LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)			http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf			
				L2C2-xyxy1204E1300	450	35.0	15.8	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)		
Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)							http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf			
Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)							http://www.glacialpower.com/products/pdf/GP-HS15P%20in1%20DIMM.pdf			
		TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)							http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			
		TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)							http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf			
		TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)							http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf			
		TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)							http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf			
		LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)							http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf			
L2C2-xyxy1205E1300	600	35.0	21.0					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)		
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS26P.pdf			
						TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)			http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf			
						TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)			http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf			
						RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-RS35P.pdf			
						RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS35P.pdf			
						LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)			http://www.glacialpower.com/products/pdf/GP-LS35P.pdf			
				L2C2-xyxy1208E1500	900	35.0	31.5	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)		
Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)							http://www.glacialpower.com/products/pdf/GP-RS35P.pdf			
Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)							http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf			
Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LD7048-0B (9~36Vdc input, 23~48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)							http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf			
L2C2-xyxy1211E1900	1200	35.0	42.0	Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LE060N-42C (28~42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)			http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf			
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)			http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf			
				Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-42C (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
				Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS45P-42CA (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
				Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
						RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
						RS60P-42C (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-RS60P.pdf			
						RS60P-42CA (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS60P.pdf			
		RS60P-48C (33~48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-RS60P.pdf							
		RS60P-48CA (33~48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)			http://www.glacialpower.com/products/pdf/GP-RS60P.pdf							
		LS50P-48 (33~48Vdc / 1.05A / 50W ; CE & FCC & CUL & IP67)			http://www.glacialpower.com/products/pdf/GP-LS50P.pdf							

Purpose : Designer can quickly launch LED Luminares into the market								
Chip on Board		Electro Characteristics (Typical)		GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link	
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
LUMINUS	CHM-6-XH00	480	27.0	13.0	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-30C (24~30Vdc / 0.5A /15W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-30CA (24~30Vdc / 0.5A /15W ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL5036-15 (120Vac input / 24~36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
	CHM-9	360	35.0	12.6			TH5036-15 (240Vac input / 24~36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
					Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LD15-30C (11~15 or 22~30Vdc input ; 16~30Vdc & 0.5A output, 15W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LC3554-04.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
	CHM-9-XH00	720	36.0	25.9	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf
							RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
CHM-11-XH00	960	36.0	34.6			RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LD7048-0B (9~36Vdc input, 23~48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf	
LUMINUS	CXM-14 Gen2	480	34.5	16.6			LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS45P-42C (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	RS45P-42CA (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
							RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
	CHM-14	720	35.0	25.2			RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LC3554-04.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
LUMINUS	CHM-14-XH00	1680	36.0	60.5			TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
					Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IgloofR210.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IgloofR210HP.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
	CXM-18 Gen2	800	35.0	28.0			RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LD7048-0B (9~36Vdc input, 23~48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LE060N-42C (28~42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS60P-42C (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
CHM-18	1200	35.0	42.0			RS60P-42CA (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LS70P-48 (33~48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS70P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF			
CHM-18	1200	35.0	42.0					
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF			
				Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf			

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
LUMINUS	GHM-18	1200	35.0	42.0	Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-42C (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-42CA (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS60P-48C (33-48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
							RS60P-48CA (33-48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
							LS50P-48 (33-48Vdc / 1.05A / 50W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS050P.pdf
							LS70P-48 (33-48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS070P.pdf
	CXM-22 Gen2	1280	35.0	44.8	Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LE060N-42C (28-42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LE060N-48C (32-48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-42C (33-42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-42CA (33-42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-42C (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-42CA (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS60P-48C (33-48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
							RS60P-48CA (33-48Vdc / 1.2A / 57.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
	CHM-22	1920	35.0	67.2	Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf
					Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf		
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf		
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf		
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf		
	CXM-27	1800	35.0	63.0	Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	LE060N-42C (28-42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-42C (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	RS60P-42CA1 (28-42Vdc / 1.4A / 58.8W)	
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf	LS70P-48 (33-48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS070P.pdf
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf		
Igloo SR100 (100W)					http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
CHM-27	2700	35.0	94.5	Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS100P-36 1E (30-40Vdc / 2.5A / 100W ; CE & FCC & CUL & IP67)		
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150P-48 (34-48Vdc / 3.2A / 153.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150P.pdf	
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS100HP (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS150 (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS150HP (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
CXM-32	2640	52.5	138.6	Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150P-60 (48-60Vdc / 2.5A / 150W ; LVD & IP67)		
				Igloo SR200 (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200heat%20sink_(CT-B2200000LB0NE1).pdf			
				Igloo SR200HP (200W)	http://www.glaciallight.com/products/PDF/Igloo-SR200HPheat%20sink_(CT-B200HP00LB0NE1).pdf			
				Igloo SR250HP (250W)	http://www.glaciallight.com/products/PDF/Igloo-SR250HPheat%20sink_(CT-B250HP00LB0NE1).pdf			
				Igloo SS150HP (150W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
CREE CXA Series	CXA1310	700	17.8	12.5	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC7034-04 (3-34Vdc / 0.7A / 18W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-22C (14-22Vdc / 0.7A / 15.4W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	LS35P-48 (5-48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL7024-15 (120Vac input / 16-24Vdc & 0.7A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
							TH7024-15 (240Vac input / 16-24Vdc & 0.7A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							HS15P-24CA (14-24Vdc / 0.7A / 16.8W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
							LD15-24C (11-15 or 22-30 Vdc input ; 16-25Vdc & 0.7A output, 17.5W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf
							LD7028-0M (7-30 Vdc input ; 2-28 Vdc & 0.7A output ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/MDL24-30-700.pdf
	350	35.6	12.5	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10-54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf	
				Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26-42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf	
				Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42CA (26-42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf	

Purpose : Designer can quickly launch LED Luminaires into the market											
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link			
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)							
CREE CXA Series	CXA1310	350	35.6	12.5	Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf			
							LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf			
	CXA1512	700	18.2	12.7	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC7034-04 (3~34Vdc / 0.7A / 18W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf			
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-22C (14~22Vdc / 0.7A / 15.4W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf			
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf			
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL7024-15 (120Vac input / 16~24Vdc & 0.7A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			
							TH7024-15 (240Vac input / 16~24Vdc & 0.7A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf			
							HS15P-24CA (14~24Vdc / 0.7A / 16.8W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf			
				LD15-24C (11~15 or 22~30 Vdc input ; 16~25Vdc & 0.7A output, 17.5W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf						
		350	36.4	12.7	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf			
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf			
Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf				HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf					
Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf				TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf					
					TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf					
CXA1520	500	35	17.5	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	RS26P-48C (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-48CA (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf				
CXA1816	450	36.2	16.3	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	RS26P-48C (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-48CA (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf				
CXA1820	550	36.2	19.9	Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
CXA1830	800	36.4	29.1	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf				
CXA1850	1400	35.0	49.0	Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LD7048-0B (9~36Vdc input, 23~48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf				
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LE060N-42C (28~42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf				
				Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS60P-42C (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf				
				Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-42CA (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf				
				Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	LS70P-48 (33~48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS70P.pdf				
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf						
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf						
CXA2011	270	40.0	10.8	Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf						
				Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	HS10P-48C (26~48Vdc / 0.25A / 12W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf				
				Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf						
CXA2520	550	35.0	19.3	Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
CXA2530	800	36.4	29.1	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf				
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf				
						LD7048-0B (9~36Vdc input, 23~48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf				

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
CREE CXA Series	CXA2540	1100	36.2	39.8	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS45P-42C (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS45P-42CA (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf		
	CXA2590	1200	69.0	82.8	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS150PH-107C (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf	LS150PH-107CA (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP65 ; Dimming)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS150PH-143C (60~143Vdc / 1.05A / 150.2W ; CE & FCC & CUL & CB & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf
					Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150PH-143CA (60~143Vdc / 1.05A / 150.2W ; CE & FCC & CUL & CB & IP65 ; Dimming)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf
					Igloo SS100HP (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm		
	CXA3050	1400	36.0	50.4	Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	LE060N-42C (28~42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-42C (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-42CA (33~42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS70P-48 (33~48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS70P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf		
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf		
	CXA3070	1900	38.5	73.2	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS100P-48 (34~48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf		
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf		
					Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm		
CXA3590	2400	38.5	92.40	Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS100P-36 1E (30~40Vdc / 2.5A / 100W ; CE & FCC & CUL & IP67)		
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
	1200	77.0	92.40	Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS150PH-107C (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150PH-107CA (30~107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP65 ; Dimming)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
CREE CXB Series	CXB1512	700	17.2	12.04	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC7034-04 (3~34Vdc / 0.7A / 18W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-22C (14~22Vdc / 0.7A / 15.4W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TL7024-15 (120Vac input / 16~24Vdc & 0.7A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL16W-120V.pdf
							TH7024-15 (240Vac input / 16~24Vdc & 0.7A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							HS15P-24CA (14~24Vdc / 0.7A / 16.8W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
							LD15-24C (11~15 or 22~30 Vdc input ; 16~25Vdc & 0.7A output, 17.5W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf
	CXB1816	450	35.0	15.8	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
							LC3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL16W-120V.pdf
							TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
							LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf
CXB1816	450	35.0	15.8	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxxx-04.pdf	
				Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf	
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf	
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL16W-120V.pdf	
						TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf	
						TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf	
		TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf					
			LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf				

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
CREE CXB Series	CXB1820	550	35.0	19.3	Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-42C (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42CA (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TL5048-15 (120Vac input / 20-48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf
							TH5048-15 (240Vac input / 28-48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf
	CXB1830	800	35.0	28.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42CA (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LS35P-48 (5-48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LD7048-0B (9-36Vdc input, 23-48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf
	CXB2530	800	35.0	28.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42CA (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LS35P-48 (5-48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LD7048-0B (9-36Vdc input, 23-48Vdc output / 0.7A / 33.6W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD7048-0B.pdf
	CXB2540	1100	34.8	38.3	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE060N-48C (32-48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS45P-42C (33-42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120A.PDF	RS45P-42CA (33-42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-48C (33-48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-48CA (33-48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf		
	CXB3050	1400	34.8	48.7	Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf		
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	LE060N-42C (28-42Vdc / 1.4A / 58.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-42C (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-42CA (33-42Vdc / 1.4A / 58.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf
					Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS70P-48 (33-48Vdc / 1.4A / 67W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS70P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf		
CXB3070	1900	36.0	68.4	Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf			
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
CXB3590	2400	36.0	86.4	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS100P-36 1E (30-40Vdc / 2.5A / 100W ; CE & FCC & CUL & IP67)		
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
	1200	72.0	86.4	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS150PH-107C (30-107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf	LS150PH-107CA (30-107Vdc / 1.4A / 149.8W ; CE & FCC & CUL & CB & IP65 ; Dimming)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf	LS150PH-143C (60-143Vdc / 1.05A / 150.2W ; CE & FCC & CUL & CB & IP67)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf	LS150PH-143CA (60-143Vdc / 1.05A / 150.2W ; CE & FCC & CUL & CB & IP65 ; Dimming)	http://www.glacialpower.com/products/pdf/GP-LS150PH.pdf	
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
Bridgelux Vero Array Series (Vero 10) (Vero 13) (Vero 18) (Vero 29)	Vero 10 Array BXRC-xxE1000-B-yy	350	26.5	9.3	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
							TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf
	Vero 13 Array BXRC-xxE2000-C-yy	500	32.3	16.2	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TH3536-26 (230Vac input / 24-36Vdc & 0.35A output / 12W ; CE & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-12W-230V.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TL5036-15 (120Vac input / 24-36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TH5036-15 (240Vac input / 24-36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf		

Purpose : Designer can quickly launch LED Luminaire into the market								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
Bridgelux Vero Array Series (Vero 10) (Vero 13) (Vero 18) (Vero 29)	Vero 18 Array BXRC-xxE4000-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
							RS45P-36CA (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
	Vero 29 Array BXRC-xxE1000-L-yy	2100	38.0	79.8	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf		
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf		
					Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf		
					Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm		
Bridgelux V Array Series (V6) (V8) (V10) (V13) (V15) (V18)	V10 Array BXRE-xxE1000-B-yy	350	26.5	9.3	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
							TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf
	V13 Array BXRE-xxE2000-C-yy	500	32.3	16.2	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TH5048-15 (120Vac input / 20-48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5048-15 (240Vac input / 28-48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-240V.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TL5036-15 (120Vac input / 24-36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TH5036-15 (240Vac input / 24-36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-240V.pdf
							RS26P-42C (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
V15 Array BXRE-xxE3001-D-yy	700	36.0	25.2	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42CA (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42C (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-42CA (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48C (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48CA (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
V18 Array BXRE-xxE4000-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
						RS45P-36CA (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
Bridgelux Décor Series	Class A Vero 10 BXRC-xxA1001-B-yy	350	26.5	9.3	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
							TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf
	Class A Vero 13 BXRC-xxA2001-C-yy	500	32.3	16.2	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TH5048-15 (120Vac input / 20-48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5048-15 (240Vac input / 28-48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-240V.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TL5036-15 (120Vac input / 24-36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TH5036-15 (240Vac input / 24-36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-240V.pdf
							RS26P-42C (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
Class A Vero 18 BXRC-xxA4001-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
						RS45P-36CA (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
		LC3536-26 (120Vac input / 24-36Vdc / 1.33A / 48W ; CE & CUL)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf					

Purpose : Designer can quickly launch LED Luminaires into the market.								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
Bridgelux Décor Series	Class A Vero 29 BXRC-xxA10K1-L-yy	2100	38.0	79.8	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IgloofR210.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf
					Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IgloofR210HP.pdf		
					Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf		
					Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf		
					Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm		
	Ultra Vero 10 BXRC-xxH1000-B-yy	350	26.5	9.3	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
							TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf
	Ultra Vero 13 BXRC-xxH2000-C-yy	500	32.3	16.2	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TL5036-15 (120Vac input / 24-36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5036-15 (240Vac input / 24-36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf		
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf		
	Ultra Vero 18 BXRC-xxH4000-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
							RS45P-36CA (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
Food Vero 18 BXRC-xxE4000-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LCA336-32D (24-36Vdc / 1.33A / 48W ; CE & CUL)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
Specialty Vero 18 BXRC-xxG4000-F-yy	1050	29.5	31.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LCA336-32D (24-36Vdc / 1.33A / 48W ; CE & CUL)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LE036N-36C (24-36Vdc / 1.05A / 37.8W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-36C (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS35P-36CA (24-36Vdc / 1.0A / 36W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS45P-36C (24-36Vdc / 1.25A / 45W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
Food Vero 29 BXRC-xxE10K0-L-yy	2100	38.0	79.8	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IgloofR210.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IgloofR210HP.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
				Igloo SS120 (120W)	http://www.glaciallight.com/products/skd-stamping-SS120.htm			
Specialty Vero 29 BXRC-xxG10K0-L-yy	2100	38.0	79.8	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IgloofR210.pdf	LS100P-48 (34-48Vdc / 2.1A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IgloofR210HP.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
Bridgelux BXRA3 Series	ES Star BXRA-ABC0540-H-IJ	350	18.2	6.4	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	HS08N-21C (10-21Vdc / 0.35A / 7.3W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-HS08N.pdf
							LC3536-02 (3-36Vdc / 0.35A / 8W ; CE & CUL & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-02.pdf
							LC3536-03 (3-36Vdc / 0.35A / 8W ; CE & CUL & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-03.pdf
							LC3536-08 (3-36Vdc / 0.35A / 8W ; GOST)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-08.pdf
							TL3724-27 (120Vac input / 15-24Vdc & 0.37A output / 9W ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-9W-120V.pdf
		TH3724-27 (230Vac input / 18-24Vdc & 0.37A output / 9W ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-9W-230V.pdf					

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)		GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link	
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
Bridgelux BXRA3 Series	ES Star BXRA-ABC0740-H-IJ	350	27.3	9.6	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
							TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf
							TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf
			TH3536-26 (230Vac input / 24-36Vdc & 0.35A output / 12W ; CE & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-12W-230V.pdf				
	ES Rectangle BXRA-ABC0800-H-IJ	500	20.5	10.3	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	HS10P-24C (14-24Vdc / 0.5A / 12W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LD15-30C (11-15 or 22-30 Vdc input ; 16-30Vdc & 0.5A output, 15W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf
	ES Rectangle BXRA-ABC1200-H-IJ	500	29.3	14.7	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TL5036-15 (120Vac input / 24-36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5036-15 (240Vac input / 24-36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf		
	ES Rectangle BXRA-ABC2000-H-IJ	700	36.2	25.3	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42C (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
Igloo FR111B (40W)					http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS26P-42CA (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
						RS35P-42C (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-42CA (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48C (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48CA (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						LS35P-48 (5-48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf	
RS Array BXRA-ABC3500-H-IJ	1750	17.9	31.3	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LCB024-32D (14-24Vdc / 2.0A / 48W ; CE & CUL)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-24C (14-24Vdc / 1.4A / 13.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-24CA (14-24Vdc / 1.4A / 13.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
				Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-24C (16-24Vdc / 1.85A / 44.4W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf	
				RS45P-24CA (16-24Vdc / 1.85A / 44.4W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
RS Array BXRA-ABC4000-H-IJ	2100	23.5	49.4	Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	LP060P-28 (20-28Vdc / 2.1A / 58.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
				Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	LP060P-28A (20-28Vdc / 2.1A / 58.8W ; CE & FCC & CUL & IP67 ; PWM & DC 0-10V Dimming)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
				Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf			
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf			
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
				Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf			
RS Array BXRA-ABC7000-H-IJ	2800	29.4	82.3	Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS100P-36 (26-36Vdc / 2.8A / 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
				Igloo SR100 (100W)	http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
				Igloo SR150 (150W)	http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
				Igloo SS100 (100W)	http://www.glaciallight.com/products/skd-stamping-SS.htm			
				Igloo SS120 (120W)	http://www.glaciallight.com/products/skd-stamping-SS120.htm			
Décor Ultra High CRI BXRA-ABC0740-H-IJ	350	27.3	9.6	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3536-05 (3-36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LCOOOO-05.pdf	
				Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS10P-36C (24-36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf	
						TS10P-30L (90-130Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf	
						TS10P-30H (180-264Vac input / 15-30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf	
						TL3536-26 (120Vac input / 24-36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf	
				TH3536-26 (230Vac input / 24-36Vdc & 0.35A output / 12W ; CE & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-12W-230V.pdf			
Décor Ultra High CRI BXRA-ABC2000-H-IJ	700	36.2	25.3	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42C (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
				Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS26P-42CA (33-42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
						RS35P-42C (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-42CA (33-42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48C (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48CA (33-48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						LS35P-48 (5-48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf	
Décor Ultra High CRI BXRA-ABC4000-H-IJ	2100	23.5	49.4	Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	LP060P-28 (20-28Vdc / 2.1A / 58.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
				Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	LP060P-28A (20-28Vdc / 2.1A / 58.8W ; CE & FCC & CUL & IP67 ; PWM & DC 0-10V Dimming)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
				Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf			
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf			
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)		GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link	
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
Bridgelux BXR3 Series	Décor Ultra High CRI BXR3-ABC4000-H-IJ	2100	23.5	49.4	Igloo FS125 (60W) http://www.glaciallight.com/products/PDF/FS125dimension.pdf			
	Décor Ultra High CRI BXR3-ABC7000-H-IJ	2800	29.4	82.3	Igloo FR210 (80W) http://www.glaciallight.com/products/PDF/IglooFR210.pdf	LS100P-36 (26~36Vdc / 2.8A/ 100.8W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS100P.pdf	
					Igloo FR210HP (80W) http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
					Igloo SR100 (100W) http://www.glaciallight.com/products/PDF/Igloo-SR100heat%20sink_(CT-B1100000LB0NE1).pdf			
					Igloo SR150 (150W) http://www.glaciallight.com/products/PDF/Igloo-SR150heat%20sink_(CT-B1500000LB0NE1).pdf			
					Igloo SS100 (100W) http://www.glaciallight.com/products/skd-stamping-SS.htm			
Igloo SS120 (120W) http://www.glaciallight.com/products/skd-stamping-SS120.htm								
SHARP Mega Zenigata	GW6DGA**NFC	400	37.0	14.8	Igloo FR071B (15W) http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf	
	GW6DMA**NFC				Igloo FR080 (18W) http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf	
	GW6DAA**NFC				Igloo FR105 (20W) http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf	
	GW5DGA**M04					TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf	
	GW5DMA**M04					TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf	
			LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf				
	GW6DGC**NFC	700	37.0	25.9	Igloo FR095 (35W) http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-42C (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
	GW6DMC**NFC				Igloo FR111B (40W) http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS26P-42CA (33~42Vdc / 0.6A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf	
	GW6DAC**NFC					RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
	GW5DGC**M04					RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
	GW5DMC**M04					RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
						RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf	
			LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf				
	GW6DGD**NFC	950	50.0	47.5	Igloo FR133 (50W) http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS60P-57C (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
	GW6DMD**NFC				Igloo FR150 (60W) http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS60P-57CA (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
	GW6DGE**NFC				Igloo FR163 (65W) http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf			
	GW6DME**NFC				Igloo FR210 (80W) http://www.glaciallight.com/products/PDF/IglooFR210.pdf			
	GW5DGE**MR5				Igloo FR210HP (80W) http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf			
GW5DME**MR5	Igloo FS125 (60W) http://www.glaciallight.com/products/PDF/FS125dimension.pdf							
SHARP Mini Zenigata	GW6BGR**HED	320	36.0	11.5	Igloo FR051 (10W) http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf	
	GW6BMR**HED				Igloo FR071B (15W) http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf	
					Igloo FR080 (18W) http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf	
					TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf		
					TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf		
					LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf		
	GW6BMJ**HED	640	18.0	11.5	Igloo FR051 (10W) http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	HS15P-22C (14~22Vdc / 0.7A / 15.4W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf	
					Igloo FR071B (15W) http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TL7024-15 (120Vac input / 16~24Vdc & 0.7A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf	
					Igloo FR080 (18W) http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH7024-15 (240Vac input / 16~24Vdc & 0.7A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf	
						HS15P-24CA (14~24Vdc / 0.7A / 16.8W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf	
						LD15-24C (11~15 or 22~30 Vdc input ; 16~25Vdc & 0.7A output, 17.5W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LD15.pdf	
	GW6BGS**HED	400	36.0	14.4	Igloo FR071B (15W) http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf	
GW6BMS**HED	Igloo FR080 (18W) http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf				HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf		
	Igloo FR105 (20W) http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf				HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf		
					TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf		
					TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf		
					LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf		
GW5BMR**K05	400	39.0	15.6	Igloo FR071B (15W) http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LCxxx-04.pdf		
				Igloo FR080 (18W) http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf		
				Igloo FR105 (20W) http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf		
				TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			

Purpose : Designer can quickly launch LED Luminaires into the market											
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link			
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)							
SHARP Mini Zenigata						TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf				
OSRAM SOLERIQ P	SOLERIQ P6 GW MAEGB1.CM	350	26.0	9.1	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf			
					Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	LC3536-05 (3~36Vdc / 0.35A / 12W ; CE & FCC & CUL & IP65)	http://www.glacialpower.com/products/pdf/GP-LC0000-05.pdf			
	SOLERIQ P6 GW MAEGB1.EM				HS10P-36C (24~36Vdc / 0.35A / 12.6W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS10PCC.pdf					
					TS10P-30L (90~130Vac input / 15~30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf					
	SOLERIQ P9 GW MAFJB1.CM				TS10P-30H (180~264Vac input / 15~30.5Vdc & 0.35A output / 10.5W ; CE & FCC & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TS10P.pdf					
					TL3536-26 (120Vac input / 24~36Vdc & 0.35A output / 12W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-12W-120V.pdf					
	SOLERIQ P9 GW MAFJB1.EM				TH3536-26 (230Vac input / 24~36Vdc & 0.35A output / 12W ; CE & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-12W-230V.pdf					
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	LC7036-04 (25~36Vdc / 0.7A / 25W ; CE)	http://www.glacialpower.com/products/pdf/GP-LC-04-25w.pdf			
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS26P-36C (24~36Vdc / 0.7A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf			
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	RS26P-36CA (24~36Vdc / 0.7A / 25.5W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf			
					SOLERIQ P9 GW MAFJB1.EM	HS25P-36C (21~36Vdc / 0.7A / 25.2W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS25PCC.pdf				
						TL7036-15 (120Vac input / 24~36Vdc & 0.70A output / 24W ; CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
SOLERIQ P13 GW MAGMB1.CM	SOLERIQ P13 GW MAGMB1.CM	1050	38.0	39.9	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf			
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf			
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf			
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS45P-42C (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
	SOLERIQ P13 GW MAGMB1.EM				Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-42CA (33~42Vdc / 1.05A / 44.1W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf			
OSRAM SOLERIQ S	SOLERIQ S13 GW KAGHB1.CM	500	32.0	16.0	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TL5036-15 (120Vac input / 24~36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf			
					Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5036-15 (240Vac input / 24~36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf			
					Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf					
					Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf					
	SOLERIQ S13 GW KAGHB1.EM				500	32.0	16.0	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	TL5036-15 (120Vac input / 24~36Vdc & 0.47A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
								Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	TH5036-15 (240Vac input / 24~36Vdc & 0.47A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf
								Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf		
								Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf		
	SOLERIQ S13 GW KAGHB2.EM				350	34.6	12.1	Igloo FR051 (10W)	http://www.glaciallight.com/products/PDF/FR051-Heatsink.pdf	LC3554-04 (10~54Vdc / 0.35A / 16W ; CE & GOST)	http://www.glacialpower.com/products/pdf/GP-LC3554-04.pdf
								Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	HS15P-42C (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS15PCC.pdf
								Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	HS15P-42CA (26~42Vdc / 0.35A / 14.7W ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-HS15P%203in1%20DIMM.pdf
										TL3548-15 (120Vac input / 30~48Vdc & 0.35A output / 16.8W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-16W-120V.pdf
			TH3548-15 (240Vac input / 30~48Vdc & 0.35A output / 16.8W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-16W-240V.pdf							
			LD3548-0B (9~36Vdc input, 14~48Vdc output / 0.35A / 16.8W ; Digital PWM and analog voltage dimming)	http://www.glacialpower.com/products/pdf/GP-LD3548-0B.pdf							
SOLERIQ S13 GW KAGJB2.EM	500	34.6	17.3	Igloo FR071B (15W)	http://www.glaciallight.com/products/PDF/FR071B-Heatsink.pdf	RS26P-48C (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR080 (18W)	http://www.glaciallight.com/products/PDF/RD04-81A_Igloo%20FR080.pdf	RS26P-48CA (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf				
				Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	TL5048-15 (120Vac input / 20~48Vdc & 0.5A output / 24W ; FCC & CUL & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TL-24W-120V.pdf				
				Igloo FR105 (20W)	http://www.glaciallight.com/products/PDF/RD04-91%20A_Igloo%20FR105.pdf	TH5048-15 (240Vac input / 28~48Vdc & 0.5A output / 24W ; CE & IP65 ; Triac dimming)	http://www.glacialpower.com/products/pdf/GP-TH-24W-240V.pdf				
SOLERIQ S13 GW KAGLB2.EM	700	34.6	24.2	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS35P-42C (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
						RS35P-42CA (33~42Vdc / 0.8A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
						RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
						RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf				
						LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf				
SOLERIQ S19 GW KAHJB1.CM	500	48.0	24.0	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LC5050-04 (36~50Vdc / 0.5A / 25W ; CE)	http://www.glacialpower.com/products/pdf/GP-LC-04-25w.pdf				
						HS25P-52C (42~52Vdc / 0.48A / 24.9W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS25PCC.pdf				
SOLERIQ S19 GW KAHJB1.EM											

Purpose : Designer can quickly launch LED Luminaires into the market								
Chip on Board		Electro Characteristics (Typical)			GlacialTech LED thermal module	GlacialTech Web Link	GlacialPower LED Driver	GlacialPower Web Link
COB - Brand	COB - Model	Forward Current (mA)	Forward Voltage (Vf)	CoB Watt (W)				
OSRAM SOLERIQ S	SOLERIQ S19 GW KAHLB1.CM	700	46.5	32.6	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	RS45P-57C (40~57Vdc / 0.7A / 40W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	RS45P-57CA (40~57Vdc / 0.7A / 40W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF		
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF		
	SOLERIQ S19 GW KAHLB1.EM	1050	44.0	46.2	Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	LCA048-32D (36~48Vdc / 1.0A / 48W ; CE & CUL / DC dimming)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
SOLERIQ S19 GW KAHNB1.EM	1050	44.0	46.2	Igloo FR163 (65W)	http://www.glaciallight.com/products/PDF/RD04-E1_Igloo%20FR163.pdf	RS60P-57C (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
				Igloo FR210 (80W)	http://www.glaciallight.com/products/PDF/IglooFR210.pdf	RS60P-57CA (40~57Vdc / 1.05A / 59.8W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS60P.pdf	
				Igloo FR210HP (80W)	http://www.glaciallight.com/products/PDF/IglooFR210HP.pdf	LP060P-48 (36~48Vdc / 1.25A / 60W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
				Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	LP060P-48A (36~48Vdc / 1.25A / 60W ; CE & FCC & CUL & IP67 ; PWM / DC 0-10V Dimming)	http://www.glacialpower.com/products/pdf/GP-LP060P.pdf	
OSRAM SOLERIQ E	SOLERIQ E GW KAJRB2.EM	600	44.0	26.4	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-48C (36~48Vdc / 0.7A / 33.6W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf
							LC5050-04 (36~50Vdc / 0.5A / 25W ; CE)	http://www.glacialpower.com/products/pdf/GP-LC-04-25w.pdf
							RS26P-48C (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
							RS26P-48CA (33~48Vdc / 0.5A / 24W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS26P.pdf
							RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
							RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
							HS25P-48C (35~48Vdc / 0.52A / 24.9W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-HS25PCC.pdf
							LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
	SOLERIQ E GW KALRB3.EM	880	44.0	38.7	Igloo FR095 (35W)	http://www.glaciallight.com/products/PDF/FR095-Heatsink.pdf	LE036N-48C (36~48Vdc / 0.7A / 33.6W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE036N-CC.pdf
					Igloo FR111B (40W)	http://www.glaciallight.com/products/PDF/FR111B-Heatsink.pdf	LE060N-48C (32~48Vdc / 1.05A / 50.4W ; CE & FCC & IP67)	http://www.glacialpower.com/products/pdf/GP-LE060N-CC.pdf
					Igloo FR120A (45W)	http://www.glaciallight.com/products/PDF/RD04-A1_Igloo%20FR120A.PDF	LCA048-32D (36~48Vdc / 1.0A / 48W ; CE & CUL / DC dimming)	http://www.glacialpower.com/products/pdf/GP-LC-32D-48W.pdf
					Igloo FR120B (45W)	http://www.glaciallight.com/products/PDF/RD04-B1_Igloo%20FR120B.PDF	RS35P-48C (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR133 (50W)	http://www.glaciallight.com/products/PDF/RD04-C1_Igloo%20FR133.pdf	RS35P-48CA (33~48Vdc / 0.7A / 33.6W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS35P.pdf
					Igloo FR150 (60W)	http://www.glaciallight.com/products/PDF/RD04-D1_Igloo%20FR150.pdf	RS45P-48C (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
					Igloo FS125 (60W)	http://www.glaciallight.com/products/PDF/FS125dimension.pdf	RS45P-48CA (33~48Vdc / 1.0A / 48W ; Isolation cable ; CE & FCC & CUL & IP67 ; 3 in 1 Dimming)	http://www.glacialpower.com/products/pdf/GP-RS45P.pdf
							LS35P-48 (5~48Vdc / 0.7A / 33.6W ; CE & FCC & CUL & GOST & IP67)	http://www.glacialpower.com/products/pdf/GP-LS35P.pdf
		LS50P-48 (33~48Vdc / 1.05A / 50W ; CE & FCC & CUL & IP67)	http://www.glacialpower.com/products/pdf/GP-LS050P.pdf					

Disclaimer : GlacialTech disclaims all the responsibility of above recommendation belong to the customers. Customers have full responsibility to evaluate above components at their individual LED Luminaires at different application environments.

Note : Above specifications are subject to change without notice.

Note : Above brands are belong to their respective owners.

Note : Customers can refer detailed LED thermal solution specifications from <http://www.glaciallight.com/products/SKD.htm>

Note : Customers can refer detailed LED driver specifications from <http://www.glacialpower.com/products/products.htm>

Note : Customers can send your thermal and driver requests to the sales@GlacialTech.com

Note : For customized thermal design, please email to ThermoDesign@GlacialTech.com