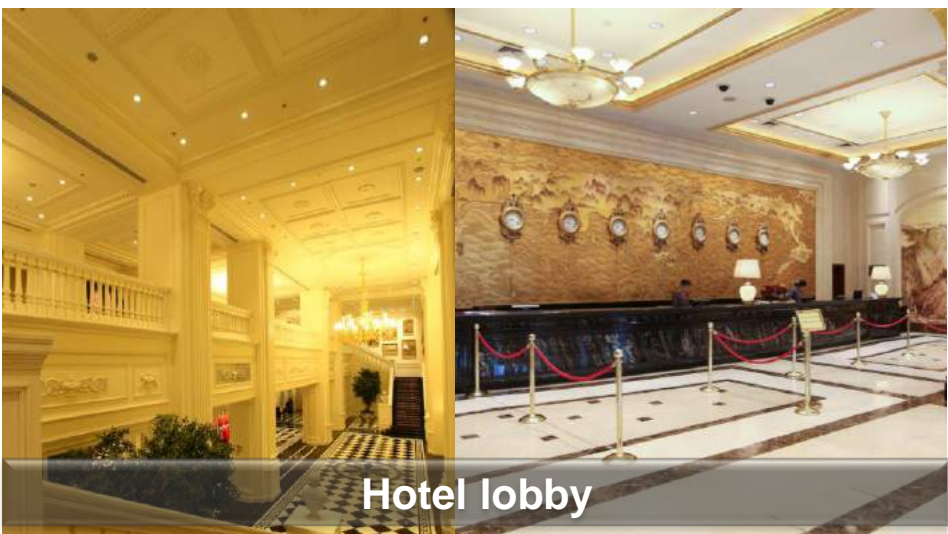




GreenSpace G6

April. 2023

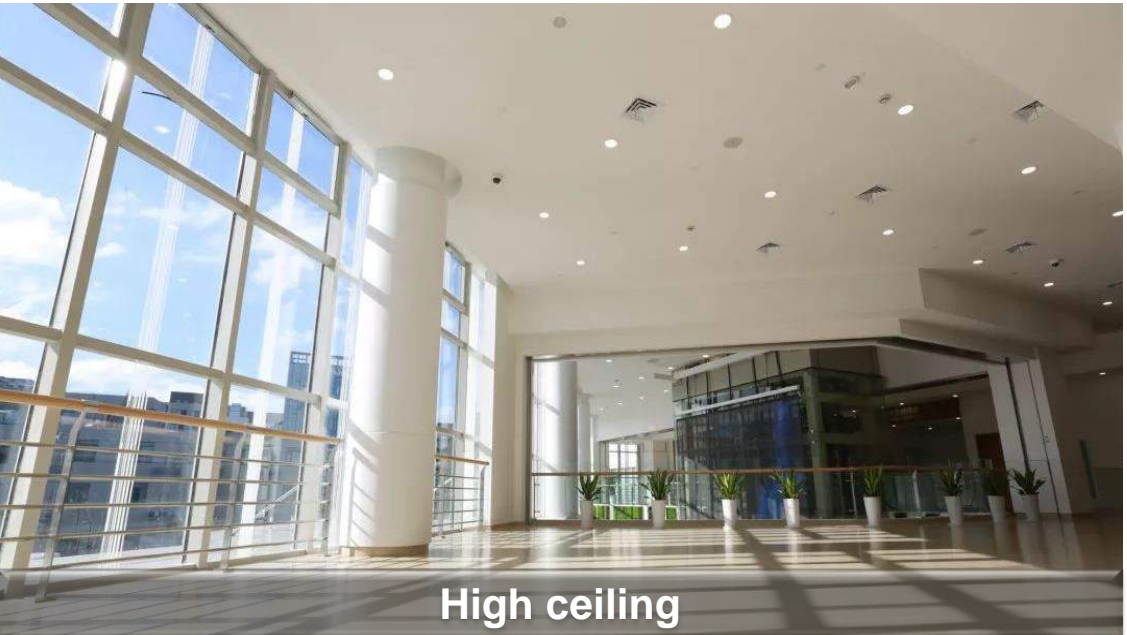
Downlight Applications



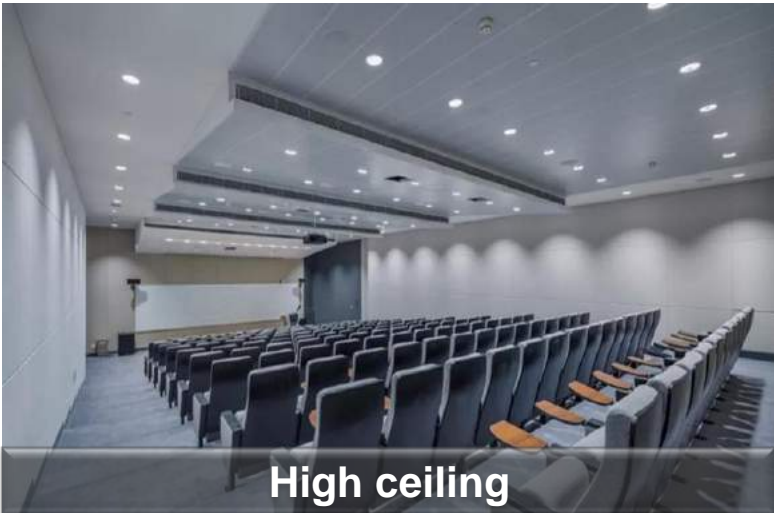
2

Note : Photo for internal use only. Pls don't circulate to external customers.

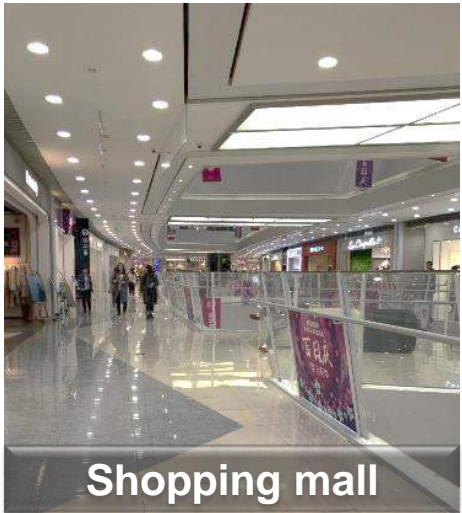
Downlight Applications



High ceiling



High ceiling



Shopping mall



Open area



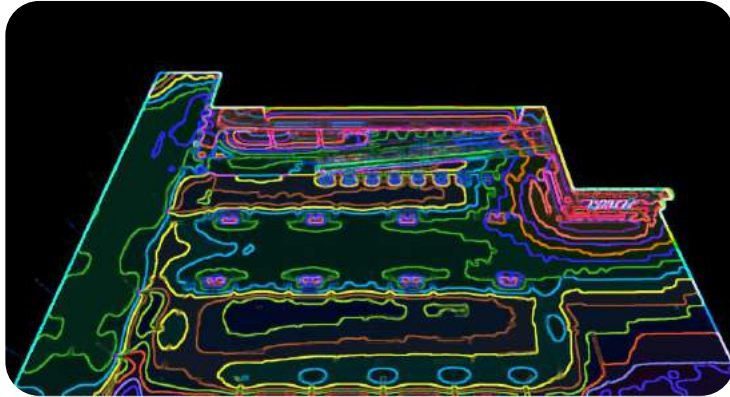
Open area



Shopping mall

Note : Photo for internal use only. Pls don't circulate to external customers.

Application is the same, but the DNA of application is changing!



Lighting performance
on task area



Sustainability with
energy saving



Visual comfort for
lighting environment
Coordinate with
interior design

Downlight Overall Plan

LUX SPACE G5



Climate action Brighter Lives

- Differentiated look & feel
- Differentiated offering
- Differentiated SPEC

GreenSpace G6



Climate action

- Mainstream market trend
- Complete family offering
- Strong SPEC IN features
- Price & Performance balance

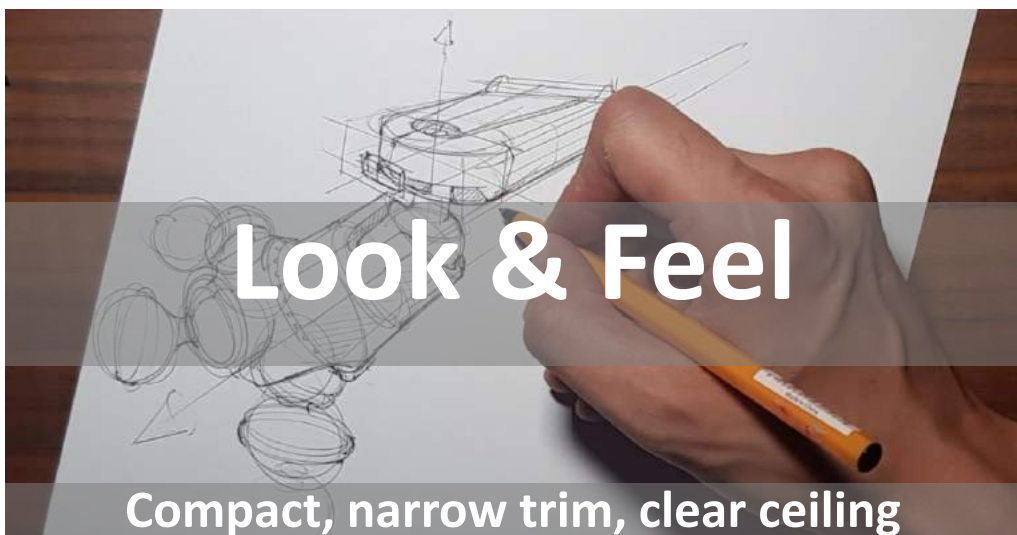
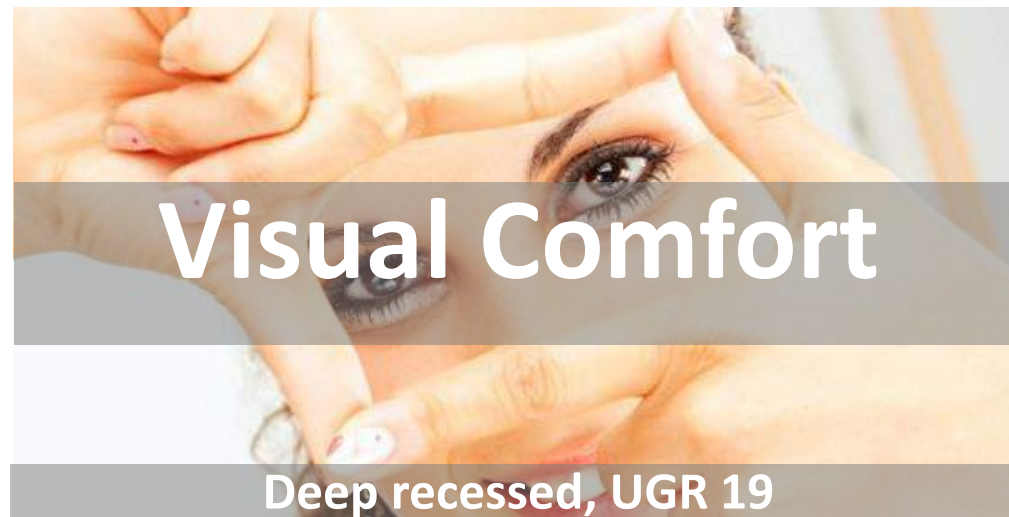
GreenUp deep recessed



Climate action

- COST fighter for MEGA projects
- Good enough SPEC
- Key runner SKU

GreenSpace G6 – Shining in every required direction!



Detail Zoom IN – WH reflector version – HIGHER EFFICENCY!

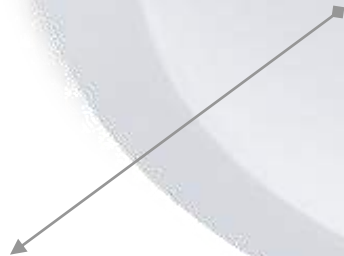
- **Narrow rim width**



- **Smooth Slope, no step perception on the ceiling**



- **White Reflector**
- **High Reflectance raw material**
- **Matt Finishing**



- **Deep recessed reflector**
- **Well controlled luminaire height**



Detail Zoom IN – ALU reflector version – BETTER VISUAL COMFORT

- **Narrow rim width**



- **Smooth Slope, no step perception on the ceiling**

- **Professional design with enlarged reflector perception**

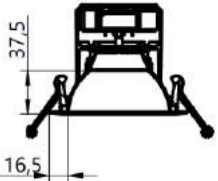
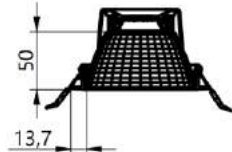
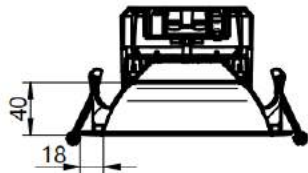

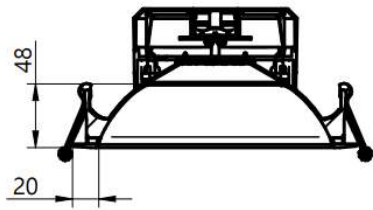
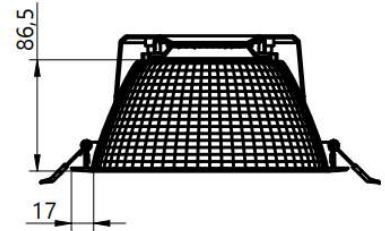
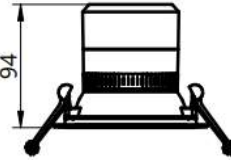

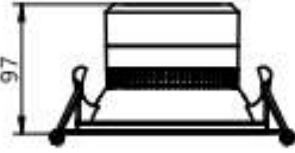
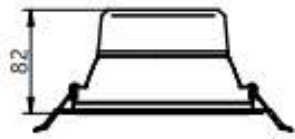
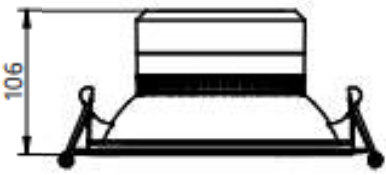
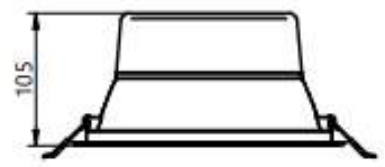
- **Aluminized PC Reflector**
- **Facetted design**, to both control the beam shape, UGR, and finger mark.
- **Glossy finishing**, with rounds of qualification & validation.

- **Deep recessed reflector**
- **Well controlled luminaire height**

GreenSpace G6 – Improve on Look & Feel



Improve on Look & Feel – Optimize on the dimension

Cut out	4inch		6inch		8inch	
Type	G5	G6	G5	G6	G5	G6
Reduced Rim width & Enlarged reflector depth						
Reduced Luminaire Height						



GS G5

GS G6

If we light them up?!



GS G5

GS G6

GreenSpace G6 – Family View

4 inch

6 inch

8 inch



GreenSpace G6 – Features & Benefits






Features and benefits:




- Energy efficiency – system efficacy up to **120 lm/W**
- Visual Comfort – Flicker Free & Deep Recessed Architecture
- Product diversity – **6** lumen ranges, **3** cut-out sizes, **3** CCTs; **UGR19/25**; IP20 & **IP54 (light exit window)**
- Design compactness – **4"** up to 1300lm, **6"** up to 2000lm, **8"** up to 3550lm
- Reliable performance - Lifetime **50,000hours L80** Ta 25° C
- System compatibility – DALI, **WIA, 1-10V (through ETO)** available in some lumen options

GreenSpace G6 VS GreenSpace G5

	Performance	
	GreenSpace G5	GreenSpace G6
System Efficacy (Lm/w)	110	120
Lumen output (lm)	D100: 600/ 950 D150: 1100/1600 D200: 1600/2200	D100: 670, 1150, 1350 D150: 1200, 1760, 2000 D200: 1760, 2350, 3550
UGR	ALU reflector <22	ALU reflector ≤19
CRI	≥80	≥80 ≥90, R9≥50 (ETO)
SDCM	< 5	< 5
CCT(K)	3000/4000/6500	3000/4000/6500
Beam Angle	60° 60~90°	~60° ~60 to 90°
Shelflife, hr	50k L70B50	50Khrs L80B50
Cutout(Inch)	4/6/8	4/6/8
Flicker	NA	Flicker Free
IP	IP20;IP54 (front cover)	IP20; IP54 (light exit window)
Driver	PSU/PSD/WIA	PSU/PSD/WIA L1, 1-10V (ETO)

GreenSpace G6 – Detailed SPEC – GCGM

Cut Out	D100			D150			D200		
Photo									
Type	LED6	LED11	LED13	LED11	LED17	LED20	LED17	LED22	LED36
Lumen output typical WH reflector (840 PSU)	670	1,150	1,350	1,200	1,760	2,000	1,760	2,350	3,550
Lumen output typical WH reflector (840 PSD)	800	1,150	1,350	1,200	1,800	2,000	1,750	2,400	3,550
Tolerance on Lumen	±10%								
CRI	≥80 ETO available: ≥90, R9≥50								
CCT	3000K/4000K/6500K								
SDCM	≤5								
UGR	23	25	26	23	25	26	23	24	26
Beam Angle	78°+/- 5 °			82°+/- 5 °			83°+/- 5 °		
Input Voltage	220V-240V 50/60Hz								
System Power (PSU Wattage)	5.8	9.8	11.4	9.8	14.4	16.0	14.4	19.2	29.3
System Power (PSD Wattage)	7.8	10.2	12.0	10.6	15.0	16.6	14.2	19.9	29.3
PF	0.9								
Electrical class	Class II								
Flicker performance	MD<3.2%, PST<=0.5, SVM<=1								
Efficiency (lm/W) (840 PSU)	110	115	115	120	122	123	122	124	122
Efficiency (lm/W) (840 PSD)	105	115	115	115	120	120	122	120	120
Control	PSU/PSD								
Material--housing	Die-casting heat sink /plastic reflector								
Color(s)	White & Black								
IP	IP20 / IP54(Optical area)								
Packaging Type	Industry package								
pcs/packaging	4pcs in 1								
Ta	25°C								
Operating temperature	-20°C-40°C								
Lifetime luminaire	50K L80B50 Ta25 °C								
Certification/Standard	CCC/CB/EMC/CE								

Cut Out	D100			D150			D200		
Photo									
Type	LED6	LED11	LED13	LED11	LED17	LED20	LED17	LED22	LED36
Lumen output typical ALU reflector (840 PSU)	650	1,100	1,270	1,120	1,700	1,860	1,700	2,250	3,450
Lumen output typical ALU reflector (840 PSD)	760	1,100	1,300	1,150	1,700	1,900	1,650	2,250	3,450
Tolerance on Lumen	±10%								
CRI	≥80 ETO available: ≥90, R9≥50								
CCT	3000K/4000K/6500K								
SDCM	≤5								
UGR	19								
Beam Angle	60+/- 5 °								
Input Voltage	220V-240V 50/60Hz								
System Power (PSU Wattage)	5.8	9.8	11.4	9.8	14.4	16.0	14.4	19.2	29.3
System Power (PSD Wattage)	7.8	10.2	12.0	10.6	15.0	16.6	14.2	19.9	29.3
PF	0.9								
Electrical class	Class II								
Flicker performance	MD<3.2%, PST<=0.5, SVM<=1								
Efficiency (lm/W) (840 PSU)	105	110	110	114	116	117	116	118	119
Efficiency (lm/W) (840 PSD)	100	110	110	110	115	115	116	115	116
Control	PSU/PSD								
Material--housing	Die-casting heat sink /plastic reflector								
Color(s)	White & Black								
IP	IP20 / IP54(Optical area)								
Packaging Type	Industry package								
pcs/packaging	4pcs in 1								
Ta	25°C								
Operating temperature	-20°C-40°C								
Lifetime luminaire	50K L80B50 Ta25 °C								
Certification/Standard	CCC/CB/EMC/CE								

GreenSpace G6 – Family look & feel with high flexibility

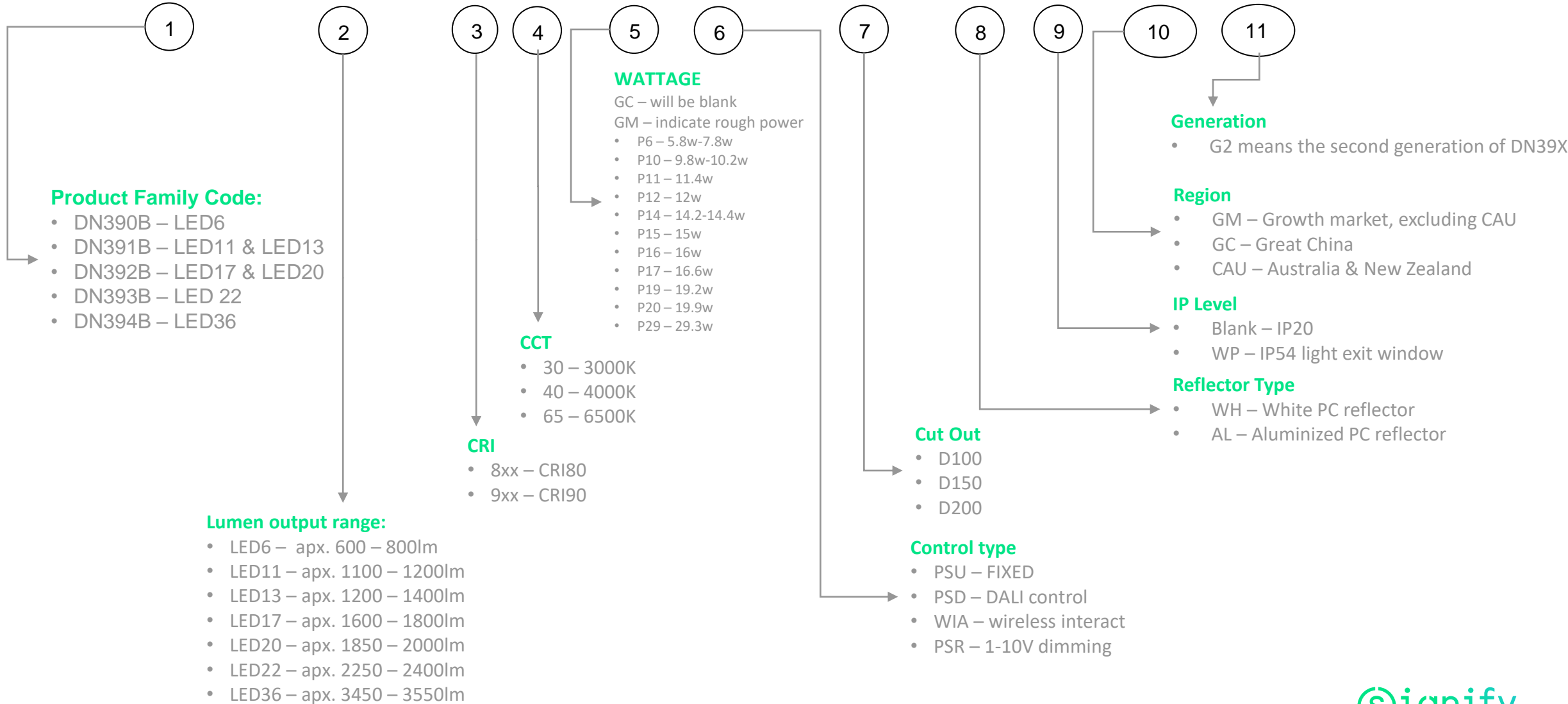
		GCGM				GCGM			
		830 / 840 / 865				930 / 940			
		IP20: WH reflector (STD) + ALU reflector (STD) IP54: WH reflector (ETO) + ALU reflector (STD)				IP20 / IP54 WH reflector + ALU reflector			
		PSU	PSD	WIA	1-10V	PSU	PSD	WIA	1-10V
D100	LED6	STD	ETO	NA	NA	ETO	ETO	NA	NA
	LED11	STD	STD	NA	NA	ETO	ETO	NA	NA
	LED13	STD	STD	STD - IP20	ETO	ETO	ETO	ETO	ETO
D150	LED11	STD	STD	NA	ETO	ETO	ETO	NA	ETO
	LED17	STD	STD	STD - IP20	NA	ETO	ETO	ETO	NA
	LED20	STD	STD	ETO	ETO	ETO	ETO	ETO	ETO
D200	LED17	STD	STD	NA	NA	ETO	ETO	NA	NA
	LED22	STD	STD	STD - IP20	ETO	ETO	ETO	ETO	ETO
	LED36	STD	STD	ETO	ETO	ETO	ETO	ETO	ETO

Note:

- **ETO** means technical validation done during NPDL process. Will need to raise request to have ETO code for order placement.
- **NA** means technically not available based on current design architecture.

GreenSpace G6 – Designation

DN392B LED17/830 P15PSD D150 AL WP GMG2



GreenSpace G6 – Order Book – WH reflector - GM

911401554832	DN390B LED6/830 P6PSU D100 WH GMG2	GM	911401564632	DN392B LED17/865 P15PSD D150 WH GMG2	GM
911401554932	DN390B LED6/840 P6PSU D100 WH GMG2	GM	911401566232	DN392B LED17/830 P14PSU D200 WH GMG2	GM
911401555032	DN390B LED6/865 P6PSU D100 WH GMG2	GM	911401566332	DN392B LED17/840 P14PSU D200 WH GMG2	GM
911401556632	DN391B LED11/830 P10PSU D100 WH GMG2	GM	911401566432	DN392B LED17/865 P14PSU D200 WH GMG2	GM
911401556732	DN391B LED11/840 P10PSU D100 WH GMG2	GM	911401566832	DN392B LED17/830 P14PSD D200 WH GMG2	GM
911401556832	DN391B LED11/865 P10PSU D100 WH GMG2	GM	911401566932	DN392B LED17/840 P14PSD D200 WH GMG2	GM
911401557232	DN391B LED11/830 P10PSD D100 WH GMG2	GM	911401567032	DN392B LED17/865 P14PSD D200 WH GMG2	GM
911401557332	DN391B LED11/840 P10PSD D100 WH GMG2	GM	911401568632	DN392B LED20/830 P16PSU D150 WH GMG2	GM
911401557432	DN391B LED11/865 P10PSD D100 WH GMG2	GM	911401568732	DN392B LED20/840 P16PSU D150 WH GMG2	GM
911401559032	DN391B LED13/830 P11PSU D100 WH GMG2	GM	911401568832	DN392B LED20/865 P16PSU D150 WH GMG2	GM
911401559132	DN391B LED13/840 P11PSU D100 WH GMG2	GM	911401569232	DN392B LED20/830 P17PSD D150 WH GMG2	GM
911401559232	DN391B LED13/865 P11PSU D100 WH GMG2	GM	911401569332	DN392B LED20/840 P17PSD D150 WH GMG2	GM
911401559632	DN391B LED13/830 P12PSD D100 WH GMG2	GM	911401569432	DN392B LED20/865 P17PSD D150 WH GMG2	GM
911401559732	DN391B LED13/840 P12PSD D100 WH GMG2	GM	911401571032	DN393B LED22/830 P19PSU D200 WH GMG2	GM
911401559832	DN391B LED13/865 P12PSD D100 WH GMG2	GM	911401571132	DN393B LED22/840 P19PSU D200 WH GMG2	GM
911401561432	DN391B LED11/830 P10PSU D150 WH GMG2	GM	911401571232	DN393B LED22/865 P19PSU D200 WH GMG2	GM
911401561532	DN391B LED11/840 P10PSU D150 WH GMG2	GM	911401571632	DN393B LED22/830 P20PSD D200 WH GMG2	GM
911401561632	DN391B LED11/865 P10PSU D150 WH GMG2	GM	911401571732	DN393B LED22/840 P20PSD D200 WH GMG2	GM
911401562032	DN391B LED11/830 P11PSD D150 WH GMG2	GM	911401571832	DN393B LED22/865 P20PSD D200 WH GMG2	GM
911401562132	DN391B LED11/840 P11PSD D150 WH GMG2	GM	911401573432	DN394B LED36/830 P29PSU D200 WH GMG2	GM
911401562232	DN391B LED11/865 P11PSD D150 WH GMG2	GM	911401573532	DN394B LED36/840 P29PSU D200 WH GMG2	GM
911401563832	DN392B LED17/830 P14PSU D150 WH GMG2	GM	911401573632	DN394B LED36/865 P29PSU D200 WH GMG2	GM
911401563932	DN392B LED17/840 P14PSU D150 WH GMG2	GM	911401574032	DN394B LED36/830 P29PSD D200 WH GMG2	GM
911401564032	DN392B LED17/865 P14PSU D150 WH GMG2	GM	911401574132	DN394B LED36/840 P29PSD D200 WH GMG2	GM
911401564432	DN392B LED17/830 P15PSD D150 WH GMG2	GM	911401574232	DN394B LED36/865 P29PSD D200 WH GMG2	GM
911401564532	DN392B LED17/840 P15PSD D150 WH GMG2	GM			

*MOQ 4pcs as standard.

GreenSpace G6 – Order Book – AL reflector - GM

911401555132	DN390B LED6/830 P6PSU D100 AL GMG2	GM	911401564932	DN392B LED17/865 P15PSD D150 AL GMG2	GM
911401555232	DN390B LED6/840 P6PSU D100 AL GMG2	GM	911401566532	DN392B LED17/830 P14PSU D200 AL GMG2	GM
911401555332	DN390B LED6/865 P6PSU D100 AL GMG2	GM	911401566632	DN392B LED17/840 P14PSU D200 AL GMG2	GM
911401556932	DN391B LED11/830 P10PSU D100 AL GMG2	GM	911401566732	DN392B LED17/865 P14PSU D200 AL GMG2	GM
911401557032	DN391B LED11/840 P10PSU D100 AL GMG2	GM	911401567132	DN392B LED17/830 P14PSD D200 AL GMG2	GM
911401557132	DN391B LED11/865 P10PSU D100 AL GMG2	GM	911401567232	DN392B LED17/840 P14PSD D200 AL GMG2	GM
911401557532	DN391B LED11/830 P10PSD D100 AL GMG2	GM	911401567332	DN392B LED17/865 P14PSD D200 AL GMG2	GM
911401557632	DN391B LED11/840 P10PSD D100 AL GMG2	GM	911401568932	DN392B LED20/830 P16PSU D150 AL GMG2	GM
911401557732	DN391B LED11/865 P10PSD D100 AL GMG2	GM	911401569032	DN392B LED20/840 P16PSU D150 AL GMG2	GM
911401559332	DN391B LED13/830 P11PSU D100 AL GMG2	GM	911401569132	DN392B LED20/865 P16PSU D150 AL GMG2	GM
911401559432	DN391B LED13/840 P11PSU D100 AL GMG2	GM	911401569532	DN392B LED20/830 P17PSD D150 AL GMG2	GM
911401559532	DN391B LED13/865 P11PSU D100 AL GMG2	GM	911401569632	DN392B LED20/840 P17PSD D150 AL GMG2	GM
911401559932	DN391B LED13/830 P12PSD D100 AL GMG2	GM	911401569732	DN392B LED20/865 P17PSD D150 AL GMG2	GM
911401560032	DN391B LED13/840 P12PSD D100 AL GMG2	GM	911401571332	DN393B LED22/830 P19PSU D200 AL GMG2	GM
911401560132	DN391B LED13/865 P12PSD D100 AL GMG2	GM	911401571432	DN393B LED22/840 P19PSU D200 AL GMG2	GM
911401561732	DN391B LED11/830 P10PSU D150 AL GMG2	GM	911401571532	DN393B LED22/865 P19PSU D200 AL GMG2	GM
911401561832	DN391B LED11/840 P10PSU D150 AL GMG2	GM	911401571932	DN393B LED22/830 P20PSD D200 AL GMG2	GM
911401561932	DN391B LED11/865 P10PSU D150 AL GMG2	GM	911401572032	DN393B LED22/840 P20PSD D200 AL GMG2	GM
911401562332	DN391B LED11/830 P11PSD D150 AL GMG2	GM	911401572132	DN393B LED22/865 P20PSD D200 AL GMG2	GM
911401562432	DN391B LED11/840 P11PSD D150 AL GMG2	GM	911401573732	DN394B LED36/830 P29PSU D200 AL GMG2	GM
911401562532	DN391B LED11/865 P11PSD D150 AL GMG2	GM	911401573832	DN394B LED36/840 P29PSU D200 AL GMG2	GM
911401564132	DN392B LED17/830 P14PSU D150 AL GMG2	GM	911401573932	DN394B LED36/865 P29PSU D200 AL GMG2	GM
911401564232	DN392B LED17/840 P14PSU D150 AL GMG2	GM	911401574332	DN394B LED36/830 P29PSD D200 AL GMG2	GM
911401564332	DN392B LED17/865 P14PSU D150 AL GMG2	GM	911401574432	DN394B LED36/840 P29PSD D200 AL GMG2	GM
911401564732	DN392B LED17/830 P15PSD D150 AL GMG2	GM	911401574532	DN394B LED36/865 P29PSD D200 AL GMG2	GM
911401564832	DN392B LED17/840 P15PSD D150 AL GMG2	GM			

*MOQ 4pcs as standard.

GreenSpace G6 – Order Book – AL reflector - GM

911401577032	DN391B LED13/830 P11PSU D100 AL WP GMG2	GM	911401580832	DN392B LED17/865 P14PSU D200 AL WP GMG2	GM
911401577132	DN391B LED13/840 P11PSU D100 AL WP GMG2	GM	911401580932	DN392B LED17/830 P14PSD D200 AL WP GMG2	GM
911401577232	DN391B LED13/865 P11PSU D100 AL WP GMG2	GM	911401581032	DN392B LED17/840 P14PSD D200 AL WP GMG2	GM
911401577332	DN391B LED13/830 P12PSD D100 AL WP GMG2	GM	911401581132	DN392B LED17/865 P14PSD D200 AL WP GMG2	GM
911401577432	DN391B LED13/840 P12PSD D100 AL WP GMG2	GM	911401581832	DN392B LED20/830 P16PSU D150 AL WP GMG2	GM
911401577532	DN391B LED13/865 P12PSD D100 AL WP GMG2	GM	911401581932	DN392B LED20/840 P16PSU D150 AL WP GMG2	GM
911401578232	DN391B LED11/830 P10PSU D150 AL WP GMG2	GM	911401582032	DN392B LED20/865 P16PSU D150 AL WP GMG2	GM
911401578332	DN391B LED11/840 P10PSU D150 AL WP GMG2	GM	911401582132	DN392B LED20/830 P17PSD D150 AL WP GMG2	GM
911401578432	DN391B LED11/865 P10PSU D150 AL WP GMG2	GM	911401582232	DN392B LED20/840 P17PSD D150 AL WP GMG2	GM
911401578532	DN391B LED11/830 P11PSD D150 AL WP GMG2	GM	911401582332	DN392B LED20/865 P17PSD D150 AL WP GMG2	GM
911401578632	DN391B LED11/840 P11PSD D150 AL WP GMG2	GM	911401583032	DN393B LED22/830 P19PSU D200 AL WP GMG2	GM
911401578732	DN391B LED11/865 P11PSD D150 AL WP GMG2	GM	911401583132	DN393B LED22/840 P19PSU D200 AL WP GMG2	GM
911401579432	DN392B LED17/830 P14PSU D150 AL WP GMG2	GM	911401583232	DN393B LED22/865 P19PSU D200 AL WP GMG2	GM
911401579532	DN392B LED17/840 P14PSU D150 AL WP GMG2	GM	911401583332	DN393B LED22/830 P20PSD D200 AL WP GMG2	GM
911401579632	DN392B LED17/865 P14PSU D150 AL WP GMG2	GM	911401583432	DN393B LED22/840 P20PSD D200 AL WP GMG2	GM
911401579732	DN392B LED17/830 P15PSD D150 AL WP GMG2	GM	911401583532	DN393B LED22/865 P20PSD D200 AL WP GMG2	GM
911401579832	DN392B LED17/840 P15PSD D150 AL WP GMG2	GM	911401584232	DN394B LED36/830 P29PSU D200 AL WP GMG2	GM
911401579932	DN392B LED17/865 P15PSD D150 AL WP GMG2	GM	911401584332	DN394B LED36/840 P29PSU D200 AL WP GMG2	GM
911401580632	DN392B LED17/830 P14PSU D200 AL WP GMG2	GM	911401584432	DN394B LED36/865 P29PSU D200 AL WP GMG2	GM
911401580732	DN392B LED17/840 P14PSU D200 AL WP GMG2	GM	911401584532	DN394B LED36/830 P29PSD D200 AL WP GMG2	GM
911401584732	DN394B LED36/865 P29PSD D200 AL WP GMG2	GM	911401584632	DN394B LED36/840 P29PSD D200 AL WP GMG2	GM

PIPO plan

- **New gen: SR in April**
- **New gen: CR plan in April**
- **Last order date of old Gen: July. 2023**
- **Code phase out date: Dec. 2023**

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