

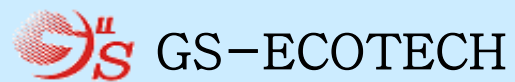
2013년도06월15일



Spec Information

기술 자료집

LED SPEC



서울특별시 금천구 가산디지털1로 168, A동 502호
서울특별시 노원구 한글비석로 325(중계동)




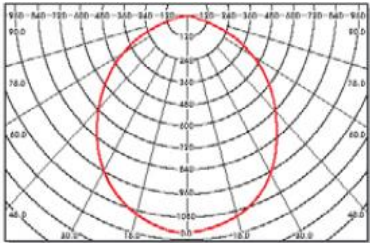
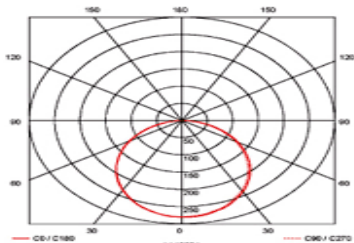
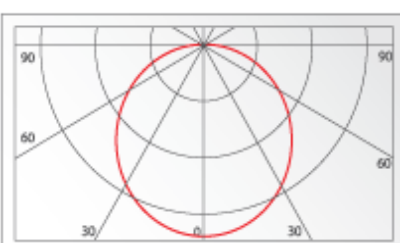
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Spec Information

Division		Flat		
		GSE-FL640-75W57K	GSE-FL340-30W57K	GSE-FL470-50W57K
				
Dimension		640(W) x 640(D) x 60(H) ** 580(W) x 150(D)**	340(W) x 340(D) x 50(H) ** 280(W) x 150(D)**	470(W) x 470(D) x 50(H) ** 400(W) x 150(D)**
Weight(Kg)		6.5	3.3	5.8
Diffusion plates		PC	PC	PC
LED	Maker	SAMSUNG	SAMSUNG	SAMSUNG
	Model	A2Q2S2	A2Q2S2	A2Q2S2
	CCT	5700K	5700K	5700K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	324EA	100EA	196EA
Input Voltage(Vac)		110~240	110~240	110~240
Input Current (mA)		348	327	346
Power Consumption(W)		79.14	30.2	50.05
I luminance (lux)	1M	1341	1185	1455
Beam Profile				

Spec Information



Division		Flat Type		
		GSE-FL340-30W5K	GSE-FL470-50W5K	GSE-FL640-70W5K
				
Dimension(mm) , Color		340 x 340 x 88(H) [w/BKT 210(H)] , White	470 x 470 x 92(H) [w/BKT 210(H)] , White	470 x 470 x 102(H) [w/BKT 210(H)] , White
Weight(Kg)		2.25	3.45	5.71
Diffusion plates		LH0555 (Spolytech)	LH0555 (Spolytech)	LH0555 (Spolytech)
LED	Maker	ITsWell	ITsWell	ITsWell
	Model	5050	5050	5050
	CCT	5000K	5000K	5000K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	100EA (10S X 10P)	144EA (12S X 12P)	169EA (13S X 13P)
Input Voltage(Vac)		110V~	110V~	110V~
Input Current (mA)		282	447	625
Power Consumption(W)		30.69	48.74	68.53
Luminous Flux (lm)		2455	3948	5685
Optical Efficiency (lm/W)		80	81	83
Iluminance (lux)	1M	1028	1651	2193
Beam Profile				



GSE 면 조명 상세사진




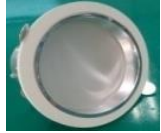
Spec Information

Division		Down Light		
		GSE-DL4-7W5K	GSE-DL5-10W5K	GSE-DL6-10W5K
				
Dimension(mm)		Φ 130 x 95 (Cut hole : Φ 115)	Φ 162 x 112 (Cut hole : Φ 145)	Φ 193 x 110 (Cut hole : Φ 165)
Weight(Kg)		0.4	0.64	0.83
Diffusion plates		LH0555 (Spolytech)	LH0555 (Spolytech)	LH0555 (Spolytech)
LED	Maker	Lumi LEDs	SAMSUNG	SAMSUNG
	Model	LXW8-PW50	221	221
	CCT	5000K	5000K	5000K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	10EA (10S X 1P)	44EA (11S X 4P)	44EA (11S X 4P)
Input Voltage(Vac)		110V~	110V~	110V~
Input Current (mA)		69	100	101
Power Consumption(W)		7.07	10.44	10.52
Luminous Flux (lm)		452	699	704
Optical Efficiency (lm/W)		64	67	67
Iluminance (lux)	1M	164	285.1	317.2
Beam Profile				

Spec Information

Division		Down Light		
		GSE-DL7-15W5K	GSE-DL8-18W5K	GSE-DL9-30W5K
				
Dimension(mm)		Φ 200 x 115 (Cut hole : Φ 185)	Φ 220 x 115 (Cut hole : Φ195)	Φ 240 x 100 (Cut hole : Φ220)
Weight(Kg)		0.77	0.97	1.18
Diffusion plates		LH0555 (Spolytech)	LH0555 (Spolytech)	LH0555 (Spolytech)
LED	Maker	SAMSUNG	SAMSUNG	Lumens
	Model	221	221	LML-LK-WZ-DX
	CCT	5000K	5000K	5000K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	90EA (10S X 9P)	90EA (10S X 9P)	30EA (10S X 3P)
Input Voltage(Vac)		110V~	110V~	110V~
Input Current (mA)		140	168	274
Power Consumption(W)		15.05	18.22	30.01
Luminous Flux (lm)		1008	1220	2010
Optical Efficiency (lm/W)		67	67	67
Iluminance (lux)	1M	435.1	540	833.6
Beam Profile				


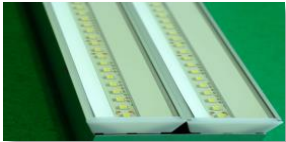
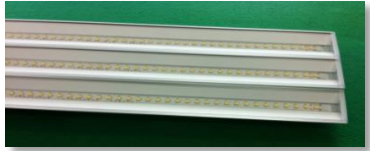
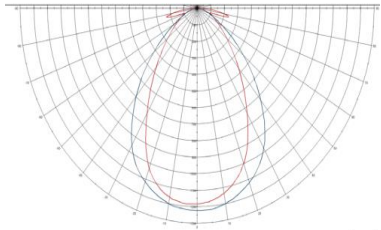
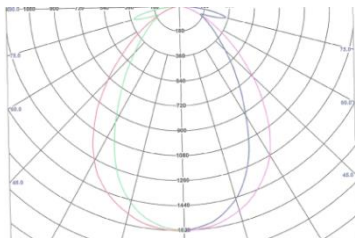
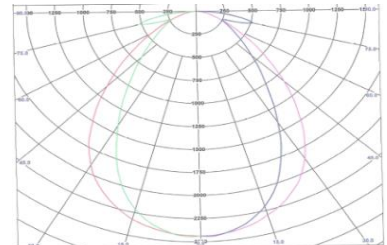
Spec Information

Division		Down Light		
		GSE-DL4-7	GSE-DL5-10	GSE-DL7-15
				
Dimension		Φ130 x 96(H)	Φ160 x 120(H)	Φ200 x 130(H)
Weight(Kg)		0.4	0.56	0.67
Diffusion plates		SPOLYTECH (LH0545)	SPOLYTECH (LH0545)	SPOLYTECH (LH0545)
LED	Maker	PHILIPS	SAMSUNG	SAMSUNG
	Model	LXW8-PW50	221	221
	CCT	5000K	5000K	5000K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	10EA [10S X 1P]	44EA [11S X 4P]	90EA [10S X 9P]
Input Voltage(Vac)		110	110	110
Input Current (mA)		72	99	140
Power Consumption(W)		7.45	10.36	15.03
Luminous Flux (lm)		500	694	1097
Optical Efficiency (lm/W)		67	67	73
Iluminance (lux)	1M	176.1	271.2	453.1
Beam Profile				



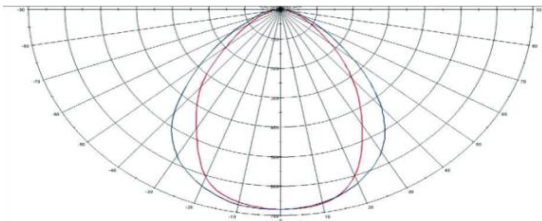
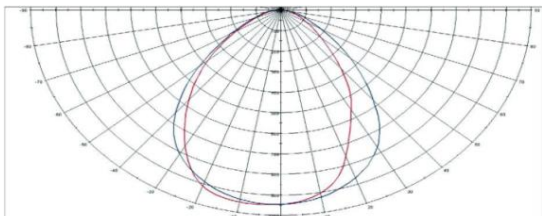


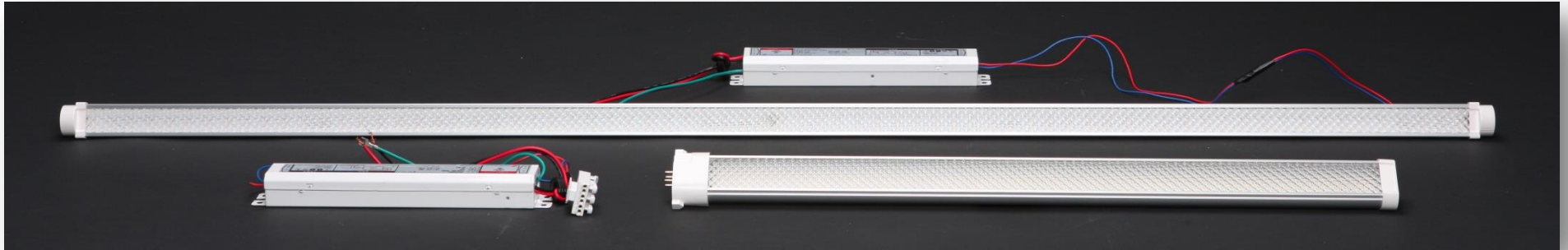
GSE 다운라이트 상세사진

Spec Information

Division		STRIPE		
		GSE-ST1-18W5K	GSE-ST2-36W5K	GSE-ST3-54W5K
				
Dimension(mm)		64(W) x 1217(L) x 64.5(H)	128(W) x 1217(L) x 64.5(H)	192(W) x 1217(L) x 64.5(H)
Weight(Kg)		2.0	3.5	5.0
Diffusion plates		LQ Plate	LQ Plate	LQ Plate
LED	Maker	SAMSUNG	SAMSUNG	SAMSUNG
	Model	221	221	221
	CCT	5000K	5000K	5000K
	CRI	80Ra ↑	80Ra ↑	80Ra ↑
	LED Number	100EA (10S X 10P)	200EA [(10S X 10P) X 2]	300EA [(10S X 10P) X 3]
Input Voltage(Vac)		110V~	110V~	110V~
Input Current (mA)		161	319	486
Power Consumption(W)		17.56	34.87	52.97
Luminous Flux (lm)		1668	3312	5032
Optical Efficiency (lm/W)		95	95	95
Iluminance (lux)	1M	664.4	1252	1862
Beam Profile				

Spec Information

Division		FPL	
		GSE-FPL410-16W5K	GSE-FPL560-22W5K
			
Dimension(mm) , Color		53.5(W) x 24(H) x 410(L) , White	53.5(W) x 24(H) x 560(L) , White
Weight(Kg)		0.18	0.24
Diffusion plates		Lens	Lens
LED	Maker	SAMSUNG	SAMSUNG
	Model	521	521
	CCT	5000K	5000K
	CRI	80Ra ↑	80Ra ↑
	LED Number	88EA (11S X 8P)	120EA (12S X 10P)
Input Voltage(Vac)		110V~	110V~
Input Current (mA)		146	204
Power Consumption(W)		15.92	22.31
Luminous Flux (lm)		1260	1884
Optical Efficiency (lm/W)		79	84
Iluminance (lux)	1M	566.2	748.5
Beam Profile			



GSE LED 삼파장 상세사진

- LED Recessed Luminaire
- GSE-22DS**

절감효과

METAL LIGHT 등을 **GSL-22DS** 로 교체
하면 전력소모를 약 60% 줄일 수 있습니다.

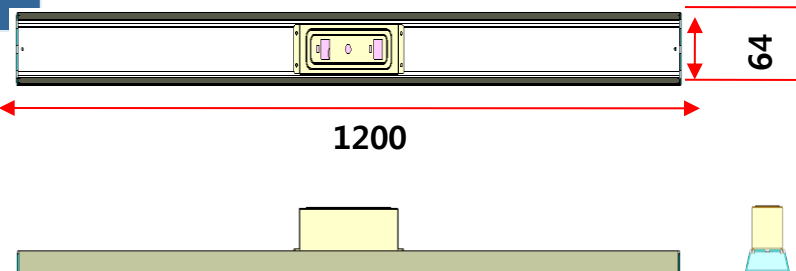


METAL LIGHT
150W






22Wx3열
GSL-22DS

제품규격



제품사양

METAL LIGHT 대체용 LED등기구

MODEL	GSL-22DS
Dimension (W x L x H, mm)	64 X 1209 x 66
Weight(Kg)	1.46
Power Consumption	22W
Input Voltage(Vac)	220V~
Power Factor(%)	90 ↑
Warranty(Year)	3
Temp. range(°C)	-10~40
Color Temp.(K)	5,700K
CRI(Ra)	80 <
Beam Angle(degree)	90
Luminous flux	2,169
Illuminance (lux/1m)	902
Efficiency (lm/W)	99
Certification	  

제품특징

긴수명

기존 METAL 등
대비 10배의 수
명
50,000시간사용

유지보수 비용 절감

소비전력 절감

기존METAL
대비 약 60%
소비전력
절감

친환경 제품

CO2 절감 및
무수은, 무납,
무자외선,
무적외선

충격에 강함 / 인테리어자 유도 높음

대체 사진



METAL LIGHT



GSL-22DS

대체 비교표

METAL LIGHT	GSL-22DS	비고
150W	22W X 3열 = 66W	
200~250W	22W X 4열 = 88W	
250~300W	22W X 5열 = 110W	
400W	22W X 6열 = 132W	

GSE- LED 공장 등 특징

1. 절전율 60% 이상
2. 저렴한 가격
3. 50,000시간 이상 사용
4. 유지보수 불필요
5. LED 공장등중 가격,방열,효율,안정성 최우수

Spec Information

MODEL	GSL-22DS*3	GSL-22DS*4	GSL-22DS*5	GSL-22DS*6
Dimension (W x L x H, mm)	192 X 1,209 X 59	256 X 1,209 X 59	320 X 1,209 X 59	384 X 1,209 X 59
Weight (Kg)	4	5.2	6.4	7.6
Power Consumption(W)	66	88	110	132
Input Voltage(Vac)	220V~	220V~	220V~	220V~
Power Factor(%)	95	95	95	95
Color Temp.(K)	5,700K	5,700K	5,700K	5,700K
CRI(Ra)	80 <	80 <	80 <	80 <
Beam Angle(degree)	90	90	90	90
Luminous flux (lm)	6,500	8,676	10,845	13,014
Illuminance (lux/1m)	2,750	3,700	4,700	6,900
Efficiency (lm/W)	101	101	101	101