







GreenSpace Surface-mounted LED Downlight



LED Downlight Category

Application: Office, Shop, Hospitality, Healthcare and Indoor public indoor space etc.

GreenSpace –Best TCO payback story, specification downlight suitable for both retail and office applications

| | Positioning | 2014 | 2015 | 2016 |
|-------------|---|---|---|--|
| Statement | LuxSpace Series Best visual comfort and leading technology LED downlight | (upgrade) Luxspace Gen3 -best visual comfort (UGR19) -100lm/W -50khrs -DALI dimming  | POE LuxSpace - 2500lm - UGR19 - >100lm/W - 50khrs  | |
| Performance | GreenSpace Best TCO payback story LED specification Downlight : <0.5 years for new installation vs 145 CFL solution | | GreenSpace Gen4 (CFL replacement) -High efficacy (Typ. 95~ 100lm/W) -Full range (3CCT's ,4lms, 3 cut out) - CRI >80 -long life time (50kh) -DALI dimming -IP 54 (Front side)  | |
| Performance | GreenSpace Surface mounted Compact design LED specification Downlight with excellent performance | | | Surface Mounted Downlight - 1000/2000/3800/6600lm - 100lm/W - 3000/4000/6500K - 50Khours - IP65 for 3800&6600lm  |
| Performance | GreenSpace POWER High lumen output version -Best TCO payback history LED Downlight : <0.5 years for new installation vs 145 CDM solution | GreenSpace POWER (CDM 50/70w replacement) -3500lm@38w@8" & 10" -4500lm@50w@8" & 10" -3000K/4000K -CRI80 -long life time (50kh)  | | GreenSpace POWER Gen2 -3500lm @ 34W -4500lm @ 41W - Cut-out 8" & 10" -3000K/4000K -CRI80 -long life time (50kh)  |

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Features & Benefits

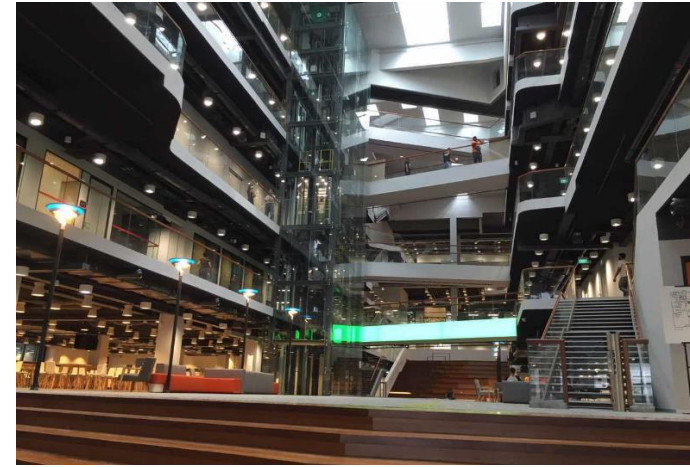


- ✓ System efficacy - **100lm/W**, energy saving up to 66% vs conventional
- ✓ Two optical beams for different lumens to cater to different mounting height
- ✓ Lifetime **50,000hours** (L70B50@Ta25° C)- reliable performance
- ✓ CRI \geq 80 @3000K,4000K and 6500K – good light quality
- ✓ Integral lightweight design, saving installation cost

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Application

- Shopping mall
- Station concourse
- Canopy
- Airport public area
- Stadium public area



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Designation

i.e. SM293C LED20/840 PSU WH GM

1

2

3

1 Lumen output

SM291C LED10: 1000lm

SM293C LED20: 2000lm

SM294C LED40: 3800lm

SM295C LED70: 6600lm



1000lm/2000lm
Ø160 x H 135mm



3800lm IP20
Ø160 x H 170mm



3800lm IP65 & 6600lm
Ø200 x H 239mm

2 Color temperature

830: 3000K

840: 4000K

865: 6500K

3 Housing:

WH: White housing IP20

WP: White housing IP65

ETO option

Housing – Black

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Specification – IP20 version



| Technical parameters | SM291C LED10 | SM293C LED20 | SM294C LED40 | SM295C LED70 |
|-----------------------|---------------------------------|--------------------|-----------------|-----------------|
| Conv.lum replacement | CFL 1×26W | CFL 2×26W; CDM 35W | CDM 70W | CDM 150W |
| Input voltage | 220V-240V/50-60Hz | | | |
| Housing Color | White | | | |
| Power | 10W | 20W | 38W | 66W |
| PF | >0.90 | | | |
| CCT | 3000K; 4000K; 6500K | | | |
| System Lumen | 1000lm @ 4000K | 2000lm @ 4000K | 3800lm @ 4000K | 6600lm @ 4000K |
| System Efficacy | 100lm/W @ 4000K | 100lm/W @ 4000K | 100lm/W @ 4000K | 100lm/W @ 4000K |
| CRI | 80 | | | |
| SDCM | ≤5 | | | |
| Beam angle | 90° | | 60° | |
| Diameter | 160mm | | | 200mm |
| Approbation | CB / EMC / CE / SAA | | | |
| Electrical class | Class I | | | |
| Operating temperature | -20°C < ta < 40°C | | | |
| Lifetime | 50,000 hours (L70B50 @ Ta=25°C) | | | |
| Mounting type | Surface mounted | | | |
| IP rating | IP20 | | | |
| Driver | Fixed output | | | |

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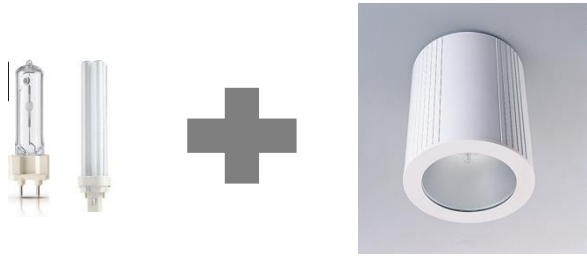
Specification – IP65 version



| Technical parameters | SM294C LED40 | SM295C LED70 |
|-----------------------|---------------------------------|----------------------|
| Conv.lum replacement | CDM 70W | CDM 150W |
| Input voltage | 220V-240V/50-60Hz | 220V-240V/50-60Hz |
| Housing Color | White | White |
| Power | 38W | 66W |
| PF | >0.90 | >0.90 |
| CCT | 3000K ; 4000K; 6500K | 3000K ; 4000K; 6500K |
| System Lumen | 3800lm @ 4000K | 6600lm @ 4000K |
| System Efficacy | 100lm/W @ 4000K | 100lm/W @ 4000K |
| CRI | 80 | 80 |
| SDCM | ≤5 | ≤5 |
| Beam angle | 60° | 60° |
| Diameter | 200mm | 200mm |
| Approbation | CB / EMC / CE / SAA | |
| Electrical class | Class I | |
| Operating temperature | -20°C < ta < 40°C | |
| Lifetime | 50,000 hours (L70B50 @ Ta=25°C) | |
| Mounting type | Surface mounted | |
| IP rating | IP65 | |
| Driver | Fixed output | |

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GreenSpace surface-mounted VS Conv. luminaire solution



| Light source | Lamp wattage | Lamp lumen | System wattage | System lumen |
|---------------|--------------|------------|----------------|--------------|
| PL-C 1×26W | 26W | 1800lm | 30W | 1020lm |
| PL-C 2×26W | 52W | 3600lm | 60W | 1980lm |
| CDM 70W | 70W | 6600lm | 79W | 4000lm |
| CDM 150W | 150W | 13250lm | 170W | 6600lm |

66% Energy saving

50% Energy saving

60% Energy saving

| Light source | System wattage | System lumen |
|--------------|----------------|--------------|
| LED | 10W | 1000lm |
| LED | 20W | 2000lm |
| LED | 39W | 3800lm |
| LED | 66W | 6600lm |

Ordering information

| 12NC | Product description | CCT | IP rating |
|--------------|-------------------------------|-------|-----------|
| 911401847199 | SM291C LED10/830 PSU WH GM | 3000K | IP20 |
| 911401847299 | SM291C LED10/840 PSU WH GM | 4000K | IP20 |
| 911401847399 | SM291C LED10/865 PSU WH GM | 6500K | IP20 |
| 911401847499 | SM293C LED20/830 PSU WH GM | 3000K | IP20 |
| 911401847599 | SM293C LED20/840 PSU WH GM | 4000K | IP20 |
| 911401847699 | SM293C LED20/865 PSU WH GM | 6500K | IP20 |
| 911401848599 | SM294C LED40/830 PSU WH GM | 3000K | IP20 |
| 911401848699 | SM294C LED40/840 PSU WH GM | 4000K | IP20 |
| 911401848799 | SM294C LED40/865 PSU WH GM | 6500K | IP20 |
| 911401848499 | SM295C LED70/830 PSU WH GM | 3000K | IP20 |
| 911401848899 | SM295C LED70/840 PSU WH GM | 4000K | IP20 |
| 911401848199 | SM295C LED70/865 PSU WH GM | 6500K | IP20 |
| 911401848299 | SM294C LED40/865 PSU WP WH GM | 3000K | IP65 |
| 911401848399 | SM294C LED40/830 PSU WP WH GM | 4000K | IP65 |
| 911401847999 | SM294C LED40/840 PSU WP WH GM | 6500K | IP65 |
| 911401847899 | SM295C LED70/830 PSU WP WH GM | 3000K | IP65 |
| 911401847799 | SM295C LED70/840 PSU WP WH GM | 4000K | IP65 |
| 911401848099 | SM295C LED70/865 PSU WP WH GM | 6500K | IP65 |

