

VITAL LIGHTING

**LIGHTING
CATALOG**

2023



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OFFICE FLOOR LAMP

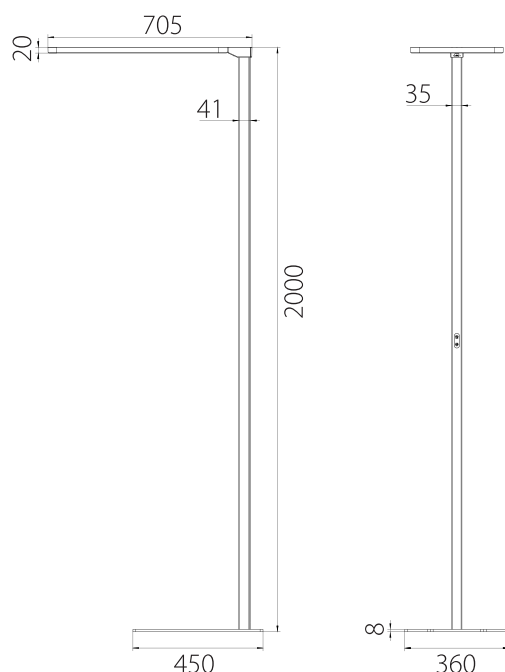
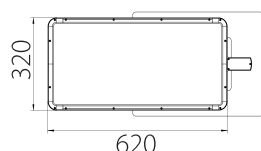


Feature:

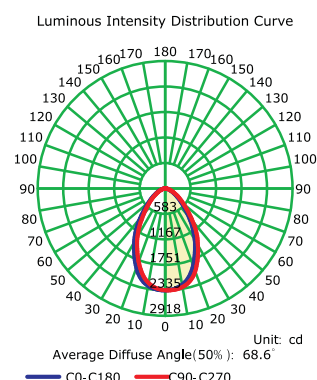
- Aluminum lamp body and sturdy base
- Direct 40W+ indirect lighting 40W(independent control) , UGR<19
- Flicker free
- High efficiency, no dark area and comfortable lighting space
- Touching dimming , Motion sensor available

Parameter:

Code	Size(mm)	Kelvin	Watt	Lumen	Color
OFA-S3262	705x360x2000	4000K	80W	3500+3500lm	White/Black/Grey



Light Distribution:

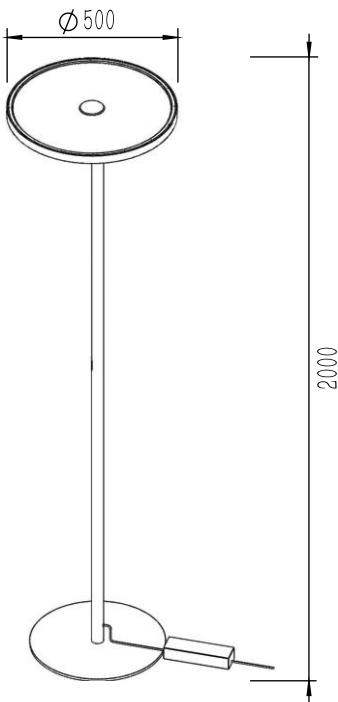
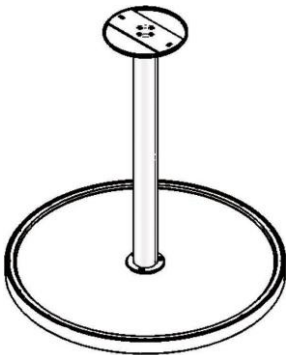
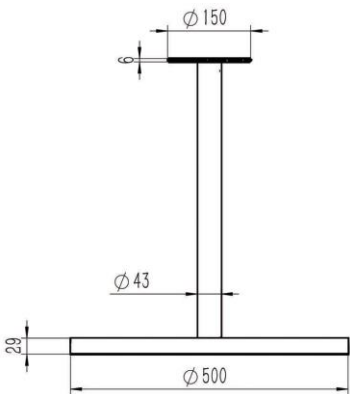
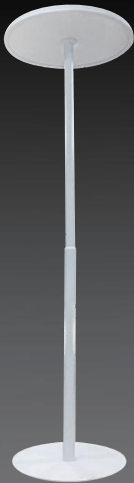


The Average Illuminance Effective Figure

Flux Out: 1900.72lm

Height	Avg. / Nadir. E	Beam Angle 68.6°	Diameter / Area
1.0m	1299.21 / 2334.6lx	1.36m / 1.46sq.m	
2.2m	268.43 / 482.37lx	3.00m / 7.08sq.m	
3.0m	144.36 / 259.41lx	4.09m / 13.17sq.m	
4.0m	81.20 / 145.92lx	5.46m / 21.41sq.m	
5.0m	51.97 / 93.39lx	6.82m / 36.57sq.m	
6.0m	36.09 / 64.85lx	8.19m / 52.67sq.m	
7.0m	26.51 / 47.65lx	9.55m / 71.69sq.m	
8.0m	20.30 / 36.48lx	10.92m / 93.63sq.m	
9.0m	16.04 / 28.82lx	12.28m / 118.50sq.m	
10.0m	12.99 / 23.35lx	13.65m / 146.30sq.m	

OFFICE LAMP



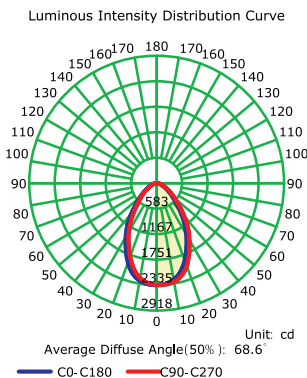
Feature:

- Aluminum lamp body and sturdy base
- Direct 40W+ indirect lighting 40W(independent control) , UGR<19
- Flicker free
- High efficiency, no dark area and comfortable lighting space
- Touching dimming , Motion sensor available

Parameter:

Code	Size(mm)	Kelvin	Watt	Lumen(down)	Lumen(up)	Mounting type
OFC-R500	φ500x32	4000K	80W	4000 lm	4000 lm	free-standing
OPC-R500	φ500x32	4000K	80W	4000 lm	4000 lm	pendant

Light Distribution:

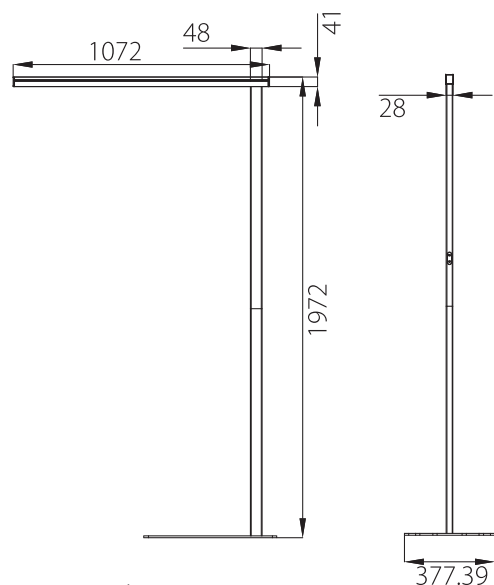


The Average Illuminance Effective Figure

Flux Out: 1900.70lm

Height	Avg. /Nadir: E	Beam Angle 68.6°	Diameter / Area
1.0m	1299.21 / 2334.66lx	1.35m / 1.46sq.m	
2.2m	268.43 / 482.37lx	3.00m / 7.08sq.m	
3.0m	144.36 / 259.41lx	4.09m / 13.17sq.m	
4.0m	81.20 / 145.92lx	5.46m / 23.41sq.m	
5.0m	51.97 / 93.39lx	6.82m / 36.57sq.m	
6.0m	36.09 / 64.85lx	8.19m / 52.67sq.m	
7.0m	26.51 / 47.65lx	9.55m / 71.69sq.m	
8.0m	20.30 / 36.48lx	10.92m / 93.63sq.m	
9.0m	16.04 / 28.87lx	12.28m / 118.50sq.m	
10.0m	12.99 / 23.35lx	13.65m / 146.30sq.m	

Office linear lamp

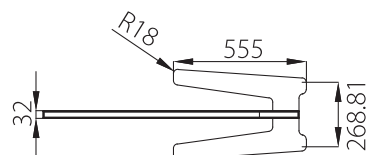


Feature:

- Slim and smooth lines design with leading optics design
- Direct 40W + indirect 40W lighting with independent drivers
- UGR<14, eye protection and flicker free
- Touch dimming, with motion sensor. Mood light will be lighted up when sensor works.
- optional color: white / grey / black

Parameter:

Code	Size(mm)	Kelvin	Watt	Lumen(down)	Lumen(up)	Mounting type
OFD-L1072x32	1072x32	4000K	80W	4500 lm	2900 lm	free-standing
OTD-L1072x32	1072x32	4000K	80W	4500 lm	2900 lm	desk clamp
OTD-T1676x32	1676x32	4000K	80W	6800 lm	4300 lm	desk clamp (for screws)



free standing (L type)

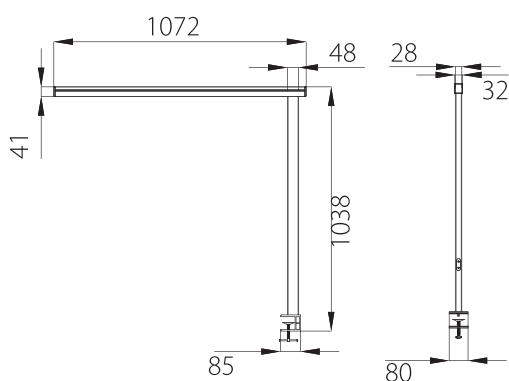


table lamp (L type)

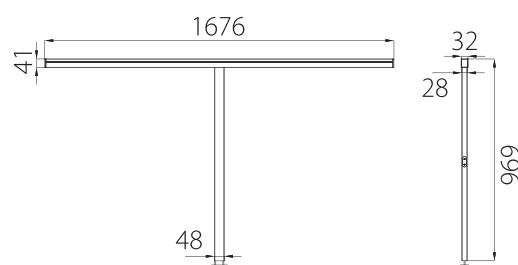
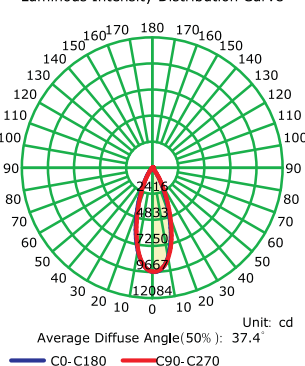


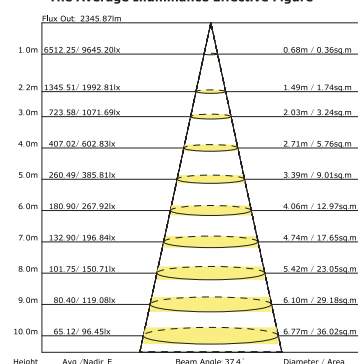
table lamp (T type)

LightDistribution:

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



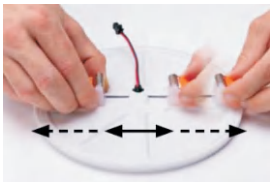
Moon Light Series

frameless built-in panel



Feature:

- Frameless design with patent
- Simple appearance & screwless design
- Ultra thin, 9mm thickness
- Flexible cut out hole size
- IP44 for front optional



Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut out size(mm)
JDL-R90	φ90x32	250mA	24V	8W	750 lm	500 lm	φ50-70
JDL-R120	φ120x32	250mA	33V	10W	1,000 lm	650 lm	φ50-100
JDL-R160	φ160x32	300mA	39V	14W	1,600 lm	1,100lm	φ68-140
JDL-R200	φ200x32	700mA	24V	20W	2,000 lm	1,500 lm	φ68-180
JDL-S90	90x90x32	250mA	24V	8W	750 lm	500 lm	φ50-70
JDL-S120	120x120x32	250mA	33V	10W	1,000 lm	650 lm	φ50-100
JDL-S160	160x160x32	300mA	39V	14W	1,600 lm	1,100lm	φ68-140
JDL-S200	200x200x32	700mA	24V	20W	2,000 lm	1,500 lm	φ68-180

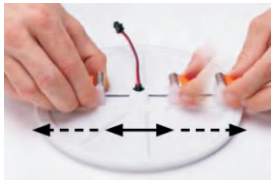
Moon Light Series

frameless panel light



Feature:

- Frameless design with patent
- Simple appearance & screwless design
- Ultra thin, 9mm thickness
- Flexible cut out hole size. IP44 for front optional
- aluminum heatsink



Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut out size(mm)
ASDL-R75	φ75x32	250mA	18V	6W	600 lm	410 lm	φ45-55
ASDL-R100	φ100x32	250mA	24V	8W	800 lm	580 lm	φ45-80
ASDL-R125	φ125x32	250mA	33V	10W	1,100 lm	830lm	φ45-100
ASDL-R155	φ155x32	300mA	33V	14W	1,500 lm	1,200 lm	φ45-130
ASDL-R185	φ185x32	700mA	24V	20W	2,000 lm	1,800 lm	φ45-160
ASDL-R215	φ215x32	600mA	36V	24W	2,700 lm	2,100 lm	φ45-190
ASDL-S75	75x75x32	250mA	18V	6W	620 lm	450 lm	φ45-55
ASDL-S100	100x100x32	250mA	24V	8W	830 lm	645 lm	φ45-80
ASDL-S125	125x125x32	250mA	33V	10W	1,100 lm	890lm	φ45-100
ASDL-S155	155x155x32	300mA	33V	14W	1,500 lm	1,200 lm	φ45-130
ASDL-S185	185x185x32	700mA	24V	20W	2,200 lm	1,800 lm	φ45-160
ASDL-S215	215x215x32	600mA	36V	24W	2,700 lm	2,300 lm	φ45-190

Accessories:

- surface mounting kit for ASDL-R155, ASDL-R185, ASDL-R215



Moon Light Series

frameless panel light



Feature:

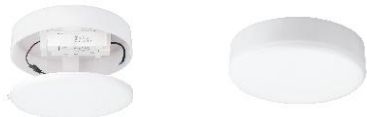
- Frameless design with patent
- Simple appearance & screwless design
- Ultra thin, 9mm thickness
- IP65 for front
- aluminum heatsink

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut out size(mm)
DSDL-R75	φ75x20	250mA	18V	6W	600 lm	410 lm	φ55
DSDL-R100	φ100x20	250mA	24V	8W	800 lm	580 lm	φ80
DSDL-R125	φ125x20	250mA	33V	10W	1,100 lm	830lm	φ105
DSDL-R155	φ155x20	300mA	33V	14W	1,500 lm	1,200 lm	φ135
DSDL-R185	φ185x20	700mA	24V	20W	2,000 lm	1,800 lm	φ165
DSDL-R215	φ215x20	600mA	36V	24W	2,700 lm	2,100 lm	φ195
DSDL-S75	75x75x20	250mA	18V	6W	620 lm	450 lm	φ55
DSDL-S100	100x100x20	250mA	24V	8W	830 lm	645 lm	φ80
DSDL-S125	125x125x20	250mA	33V	10W	1,100 lm	890lm	φ105
DSDL-S155	155x155x20	300mA	33V	14W	1,500 lm	1,200 lm	φ135
DSDL-S185	185x185x20	700mA	24V	20W	2,200 lm	1,800 lm	φ165
DSDL-S215	215x215x20	600mA	36V	24W	2,700 lm	2,300 lm	φ195

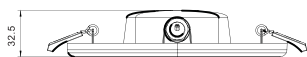
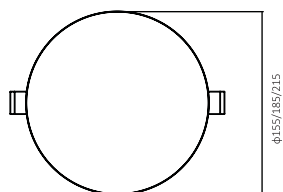
Accessories:

- surface mounting kit for DSDL-R155, DSDL-R185, DSDL-R215



Moon Light Series

frameless panel light



Feature:

- Frameless design
- Motion&Daylight Sensor (DIP Switch)
time-delay / brightness delay and sensitivity adjustable
- Built-in microwave and photosensitive components
- Surface mounted / recessed installation available
- IP20 / IP44 (for front) optional
- Main Material:aluminum, PC

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut out size(mm)
MDL-R155	φ155x32.5	250mA	18V	14W	1,500 lm	1,199 lm	φ135
MDL-R185	φ185x32.5	250mA	24V	20W	2,000 lm	1,766 lm	φ165
MDL-R215	φ215x32.5	250mA	33V	24W	2,700 lm	2,121 lm	φ195

	1	2		3	4		5	6		7	8		9	10	ON
100%	●	●	5LUX	●	●	0%	●	●	5MIN	●	●	10S	●	●	↑
75 %		●	15LUX		●	4%		●	10MIN		●	60S		●	●
50 %	●		45LUX	●		8%	●		20MIN	●		5MIN	●		↓
25 %			OFF			16%			∞			10MIN			OFF
	Set/M		Set/L		L/SM		T/SM		T/FM						

Set/M-Motion Sensitive

Set/L- Luminance Sensitive

L/SM- Luminance of power save mode

T/SM- Time of power save mode

T/FM- Time of full power mode

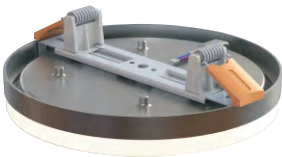
Accessories:

- surface mounting kit for MDL-R155, MDL-R185, MDL-R215



Moon Light Series

ECONOMY frameless panel light



recessed



surface mounted

Feature:

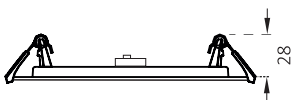
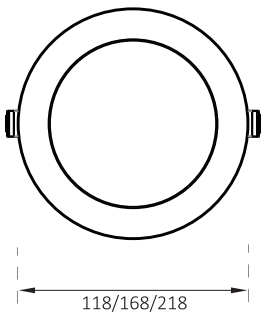
- Simple appearance & screwless design
- surface mounted & recessed combined design
- built-in driver (driver on board)
- back-lit,high lumen efficacy
- Main material : plastic

Parameter:

Code	Size(mm)	System power	LED output	system output	cut out size(mm)
BWA-R100	100x23	7W	700 lm	450 lm	φ68-80
BWA-R145	145x23	12W	1,300 lm	930 lm	φ68-125
BWA-R170	170x23	18W	1,800 lm	1,460 lm	φ68-150

Classic Panel Series

Recessed version



Feature:

- Main material :die-casting aluminum
- Screwless design
- IP20/IP44(for front) optional
- Versional optional : single CCT / dual CCT DIP switch
- Recessed lamp, surface mounted kit available

* Remark: the product is only allowed to be sold outside Europe.

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut out size(mm)
ADL-R118	φ118x28	350mA	18V	8W	720 lm	560 lm	φ100
ADL-R168	φ168x28	350mA	36V	14W	1100 lm	800 lm	φ150
ADL-R218	φ218x28	500mA	36V	20W	1400 lm	1760 lm	φ200

Accessories:

- surface mounting kit for ADL-R168, ADL-R218



Classic Panel Series

Surface mounted version



Feature:

- Main material :die-casting aluminum
- Screwless design
- IP44 optional
- Versional optional : single CCT / dual CCT DIP switch
- Easy & safe installation: twist / push locked with security chain
- optional frame color: white / black/ grey (RAL9005 / RAL9003/RAL9006)

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output
CL-R117F39	φ117x39	500mA	12V	8W	730 lm	560 lm
CL-R180F39	φ180x39	500mA	18V	11W	12,50 lm	850 lm
CL-R240F39	φ240x39	500mA/700mA	24V	15W/20W	16,00 /2,150 lm	1,350/1,950 lm
CL-R300F39	φ300x39	700mA	36V	30W	33,50 lm	3,000 lm
CL-R420F	φ420x48	1,000mA	36V	40W	48,00 lm	4,400 lm
CL-S108F39	108x108x39	500mA	12V	8W	800 lm	600 lm
CL-S168F39	168x168x39	500mA	24V	15W	17,30 lm	930 lm
CL-S220F39	220x220x39	700mA	24V	20W	2,380 lm	2,100 lm
CL-S300F39	300x300x39	700mA	36V	30W	34,90 lm	3,100 lm

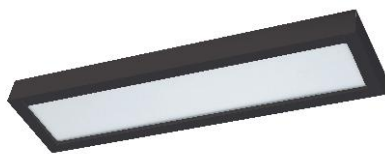
Classic Panel Series

surface mounted version



Feature:

- Main material :profile aluminum
- Seamless design
- UGR<19 optional
- Versional optional : single CCT / dual CCT DIP switch
- Easy installation: push locked with security screw
- optional frame color: white / black/ grey (RAL9005 / RAL9003 / RAL9006)



Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output
PACL-S150X600	150X596X48	700mA	12V	20W	2,640 lm	2,000 lm
PACL-S150X1200	146X1196X48	1,000mA	18V	40W	4,900 lm	3,600 lm
PACL-S300X600	300X600X48	700mA	36V	30W	3,900 lm	2,700 lm
PACL-S300X1200	300X1200X48	1,000mA	36V	40W	4,900 lm	3,600 lm
PACL-S400	400X400X48	1,000mA	36V	40W	4,700 lm	3,400 lm
PACL-S600	596X596X48	1,000mA	36V	40W	4,800 lm	3,500 lm

Classic Panel Series

recessed version



Feature:



- Main material :profile aluminum
- Seamless design
- UGR<19 optional
- Versional optional : single CCT / dual CCT DIP switch
- Easy installation: push locked with security screw
- optional frame color: white / black/ grey (RAL9005 / RAL9003/RAL9006)

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output	cut hole(mm)
PADL-S150X600	146X596X22	700mA	12V	20W	2,640 lm	2,000 lm	136x586
PADL-S150X1200	146X1196X22	1,000mA	18V	40W	4,900 lm	3,600 lm	136x1186
PADL-S300X600	300X600X22	700mA	36V	30W	3,900 lm	2,700 lm	290x290
PADL-S300X1200	300X1200X22	1,000mA	36V	40W	4,900 lm	3,600 lm	290x1190
PADL-S400	400X400X22	1,000mA	36V	40W	4,700 lm	3,400 lm	390x390
PADL-S600	596X596X22	1,000mA	36V	40W	4,800 lm	3,500 lm	586x586

Slim border Panel

surface mounted version



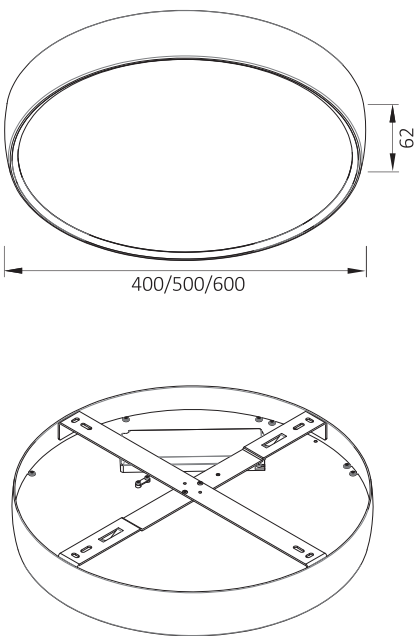
Feature:



- Aluminum lamp body
- Screwless outlook & slim border design
- High luminous efficiency
- UGR<19 optional
- optional version: non-dimable / 3 step dimmable / 2.4G remote control (dimmable and CCT tunable)

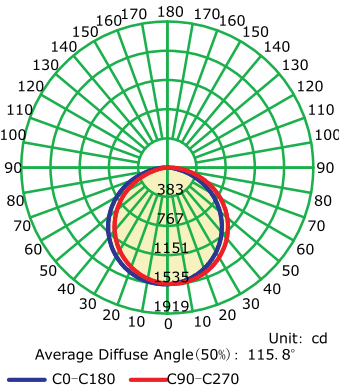
Parameter:

Code	Size(mm)	Kelvin	Watt	Lumen	Color
PV-R400	φ400x62	3000/4000K	28W	3220lm	White/Black/Grey
PV-R500	φ500x62	3000/4000K	40W	4600lm	White/Black/Grey
PV-R600	φ600x62	3000/4000K	50W	5800lm	White/Black/Grey

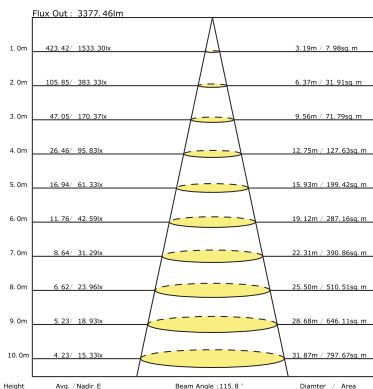


LightDistribution:

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Classic Panel Series

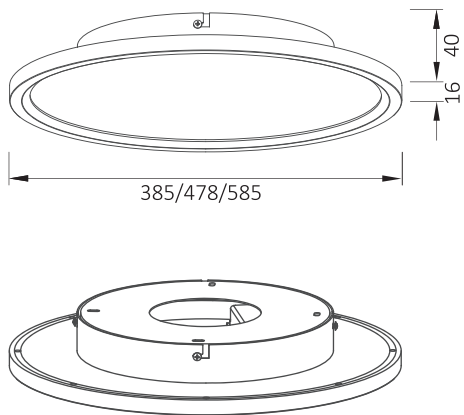
surface mounted version



Feature:

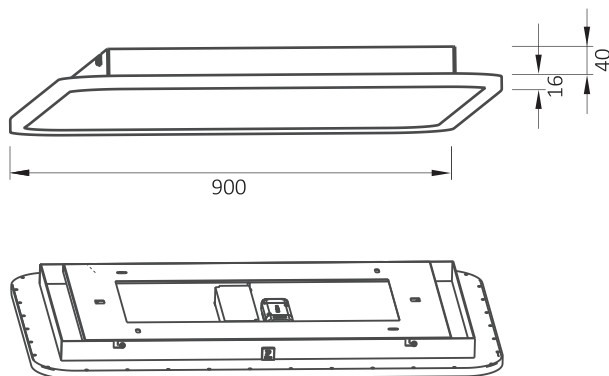
- Screwless outlook
- Slim border, 16mm thickness only
- Ra90 optional
- UGR<19 optional
- Surface mounted installation
- Main material: aluminum
- Version optional :non-dim / 3-STEP dimmable / Tunable CCT by 2.4G remote control

Parameter:

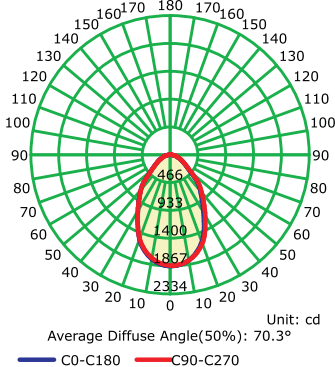


Code	Size(mm)	Kelvin	Watt	Lumen	Color
PC-R400	φ385x56	3000/4000K	28W	2200lm	White/Black/Grey
PC-R500	φ478x56	3000/4000K	40W	3200lm	White/Black/Grey
PC-R600	φ585x56	3000/4000K	52W	4000lm	White/Black/Grey
PC-S900x600	922x586x56	3000/4000K	100W	7500lm	White/Black/Grey

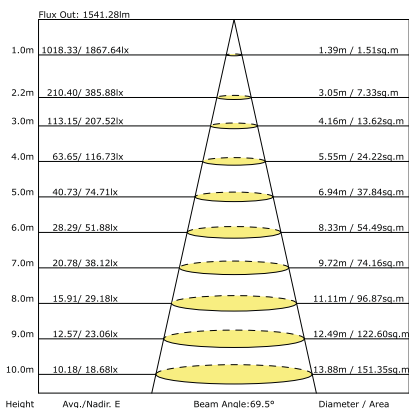
LightDistribution:



Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Classic Panel Series

surface mounted version



Feature:

- Screwless outlook
- Slim border, 16mm thickness only
- Ra90 optional
- UGR<19 optional
- Surface mounted installation
- Main material: aluminum
- CCT Turnable 2.4G remote control : direct & indirect light could be controlled separately

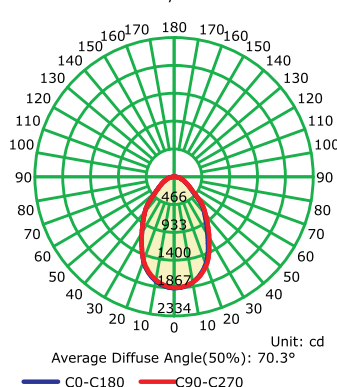


Code	Size(mm)	Kelvin	Watt	Lumen	Color
FPC-R400	φ385x56	3000/4000K	40W	3120lm	White/Black/Grey
FPC-R500	φ478x56	3000/4000K	50W	3900lm	White/Black/Grey
FPC-R600	φ585x56	3000/4000K	60W	4600lm	White/Black/Grey

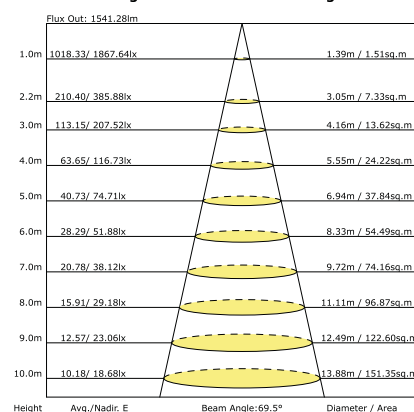
LightDistribution:



Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



JCL&FJCL Series



Feature:

- Simple appearance & screwless design
- DOB (18-24W) / non-isolated driver(36W)
- Surface mounted installation
- Main material: metal
- Version optional :ON/OFF single CCT / DIP 3CCT

Remark: JCL & FJCL with the same outlook. The difference is FJCL with halo effect(back light)

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output
(F)JCL-R200	φ200x39	230mA	69V	18W	2000 lm	1440 lm
(F)JCL-R280	φ280x39	280mA	84V	24W	2500 lm	1920 lm
(F)JCL-R380	φ380x39	280mA	111V	36W	3600 lm	2880 lm
(F)JCL-S200	200x200x39	230mA	69V	18W	2000 lm	1440 lm
(F)JCL-S280	280x280x39	280mA	84V	24W	2500 lm	1920 lm
(F)JCL-S380	380x380x39	280mA	111V	36W	3600 lm	2880 lm

Classic Panel Series

surface mounted version



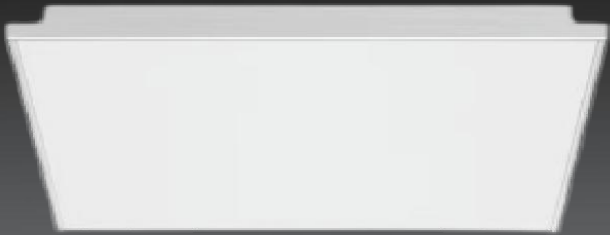
Feature:

- Screwless and ultra thin outlook
- with buitd-in non-isolated driver
- Turnbuckle for easy installation
- Surface mounted installation
- Main material: metal
- Version optional :ON/OFF single CCT / DIP 3CCT/3 -Step dimmable

Parameter:

Code	Size(mm)	LED current	forward voltage	System power	LED output	system output
PE-R200	φ200x31	230mA	69V	18W	2100 lm	1400 lm
PE-R300	φ300x31	280mA	84V	24W	3100 lm	2200 lm
PE-R400	φ400x31	280mA	111V	36W	4200 lm	3000 lm
PE-S200	200x200x31	230mA	69V	18W	2100 lm	1400 lm
PE-S300	300x300x31	280mA	84V	24W	3100 lm	2200 lm
PE-S400	400x400x31	280mA	111V	36W	4200 lm	3000 lm

Classic Panel Series



grid ceiling version



Feature:

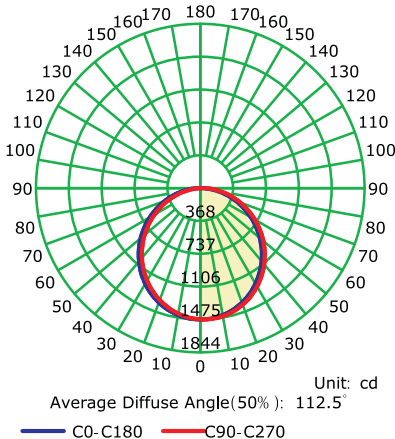
- Screwless ourlook and 0.7cm slim border
- Rust prevention aluminum
- apply for kitchen ,bathroom,office etc.
- Only available for ceiling grid mounting
- Version optional :ON/OFF single CCT / 3 -Step dimmable

Parameter:

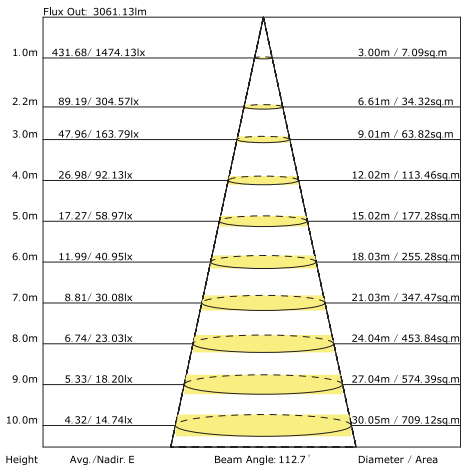
Code	Size(mm)	LED current	forward voltage	System power	LED output	system output
PJ-S300x300	300x300x19	350mA	36V	28W	3360 lm	2641 lm
PJ-S300x600	300x600x19	1050mA	36V	40W	4800 lm	4268 lm

LightDistribution:

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





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