

Separated Converter Type LED Lighting Fixtures

WPL SERIES

Type of Explosion-Proof
Non Sparking (Ex nR II T6 IP65)
Dust-ignition proof (Ex tD A21 IP65 T85°C)



Standard Materials

- Enclosure : Die casting aluminium alloy
- Mounting Box : Die casting aluminium alloy
- Smps Box : Die casting aluminium alloy
- Cover : Polycarbonate

Standard Finish

- MUNSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

Compliance & Certification

- IEC 60079-0,15
- Notification of Ministry of Labor No. 2010-36
- Certified by KGS
(Korea Gas Safety Corporation)

LED Benefits

Enhance safety and productivity

- Instant illumination and re-strike
- Better visibility with crisp, white light
- T6 temperature rating – safely operate in the most hazardous environments
- Cold temperature operation / no warm-up required

Reduce operation and maintenance costs

- Easy installation – compact modular fixture attaches onto existing Champ mounting module
- Energy-efficient – up to 85% reduction in energy used
- Provides up to 50,000 hours rated life – eliminates need for frequent lamp replacement
- Contains no mercury or other hazardous substances

Application

WPL Series lighting fixture are used

- Areas requiring frequent on-and-off of lights
- Two lumen outputs for replacement of existing HID and incandescent luminaires
- Where flammable vapors, gases, ignitable dusts, fibers or flyings are present, indoors or outdoors
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist
- Manufacturing plants, heavy industrial, chemical, petrochemical or pharmaceutical facilities, latforms, loading docks, tunnels, outdoor wall and stanchion mounted general area lighting

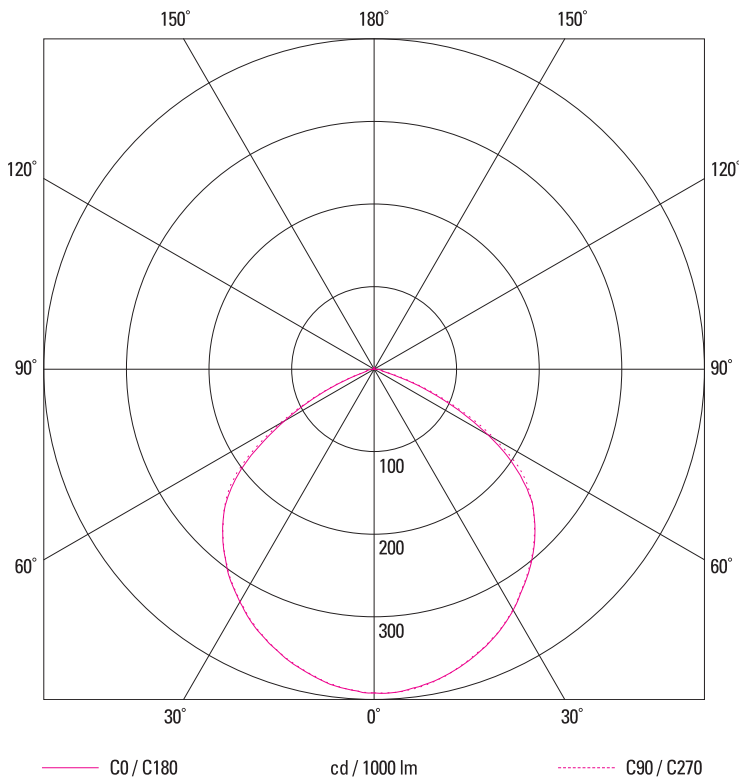
Technical Data

Electrical Ratings	
Rated Voltage	AC 110V/220V
Rated Wattage	60W~200W
Rated Frequency	50Hz/60Hz
Entry Size	PF 3/4"

Ordering Number

LAMP	Watt	Ceiling	Pendant	40° Bracket	90° Bracket
LED	60	SEBP-WPL-601	SEBP-WPL-602	SEBP-WPL-603	SEBP-WPL-604
	70	SEBP-WPL-701	SEBP-WPL-702	SEBP-WPL-703	SEBP-WPL-704
	80	SEBP-WPL-801	SEBP-WPL-802	SEBP-WPL-803	SEBP-WPL-804
	90	SEBP-WPL-901	SEBP-WPL-902	SEBP-WPL-903	SEBP-WPL-904
	100	SEBP-WPL-1001	SEBP-WPL-1002	SEBP-WPL-1003	SEBP-WPL-1004
	120	SEBP-WPL-1201	SEBP-WPL-1202	SEBP-WPL-1203	SEBP-WPL-1204
	150	SEBP-WPL-1501	SEBP-WPL-1502	SEBP-WPL-1503	SEBP-WPL-1504
	200	SEBP-WPL-2001	SEBP-WPL-2002	SEBP-WPL-2003	SEBP-WPL-2004

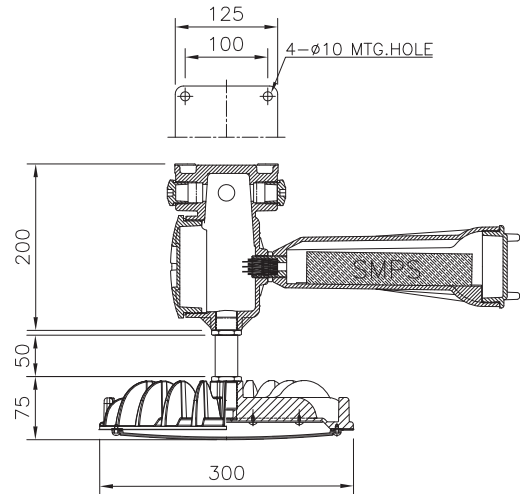
Photometric Data



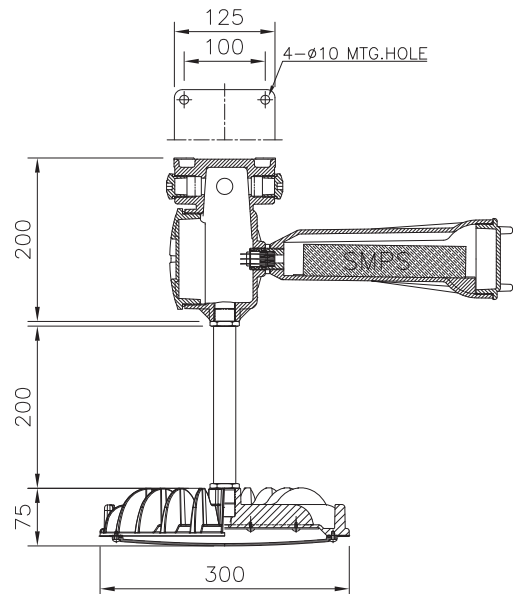
	C0	C90	C180
0°	392	392	392
5°	391	392	389
10°	386	387	381
15°	377	377	371
20°	366	365	358
25°	353	353	344
30°	337	336	325
35°	318	317	306
40°	298	297	284
45°	276	275	259
50°	250	249	227
55°	210	219	182
60°	159	169	126
65°	104	111	74
70°	53	59	29
75°	14	20	10
80°	9	9	7
85°	5	6	3
90°	1	1	0

cd / 1000 lm

Dimension

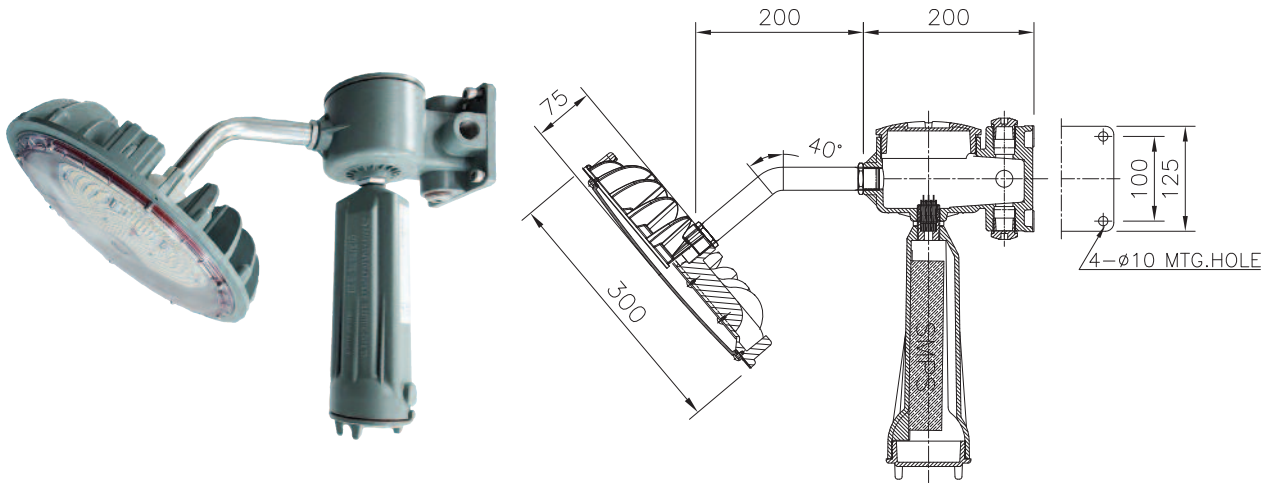


Ceiling Type

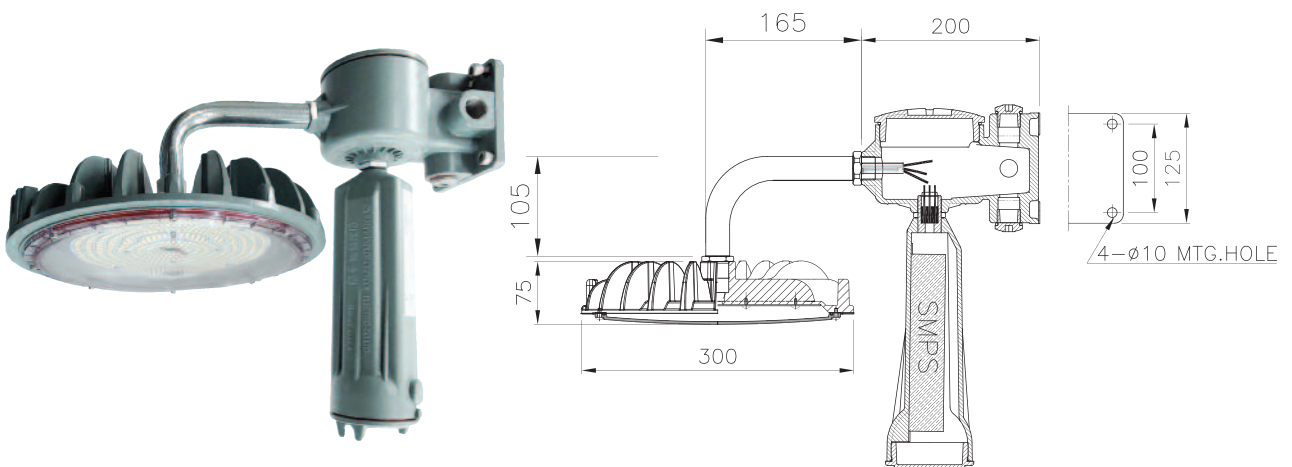


Pendant Type

Dimension



40° Bracket Type



90° Bracket Type