

OPB series

Brighter than conventional product !

30% more cost efficient !

Brightness compensation
technology

FA LUX

Pat. pending

OPB-5015R/W/B/G : 50 × 15mm
OPB-10015R/W/B/G : 100 × 15mm
OPB-15015R/W/B/G : 150 × 15mm
OPB-20015R/W/B/G : 200 × 15mm
OPB-25015R/W/B/G : 250 × 15mm
OPB-30015R/W/B/G : 300 × 15mm



Phone 800-280-6933
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Line up

Part number	Area [mm]	Weight[g]	Power [W]			
			Red	White	Blue	Green
OPB-5015	50 × 15	55	2.0	3.1		
OPB-10015	100 × 15	80	4.0	6.2		
OPB-15015	150 × 15	105	6.0	9.4		
OPB-20015	200 × 15	140	8.0	12.5		
OPB-25015	250 × 15	170	10.0	15.6		
OPB-30015	300 × 15	200	12.0	18.7		

Suffix of part number: R=Red, w=White, B=Blue, G=Green

Specifications

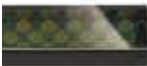
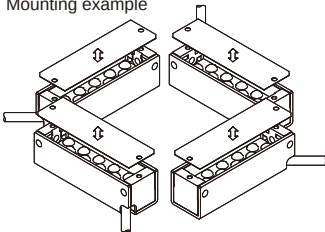
Light color	Red	White	Blue	Green
Wave length(Col.Temp.)	630nm	7000K	470nm	540nm
Power supply	DC12V			
Operating Temp/Humid	0~40 deg. / 35~85% RH			
Strage Temp/Humid	-20~70 deg. / 35~95% RH			
Vibration resistance	10~55Hz, amplitude: 1.5mm X,Y,Z 2hours			
Shock resistance	10G X,Y,Z 3 times			
L E D L i f e	10,000 hours when brightness drops 10% 100% duty, 30 deg.C (typical life)			
M a t e r i a l	Housing: Aluminum and PBT, Lens: PC Heat transition sheet: Silicon rubber			
Conformity	CE, RoHS			
A c c e s s o r y	Diffuse plate (60%), Diffuse plate (80%), Transparent cover, Polarizing plate, Bracket			

Accessories

Diffuse plate (60%)

Part number	Appearance
DF-OPB-5015	
DF-OPB-10015	
DF-OPB-15015	
DF-OPB-20015	
DF-OPB-25015	
DF-OPB-30015	

Polarizing plate

Part number	Appearance	Note
PL-OPB-5015		Polarizing direction is same as disrection of the crena at a corner. Please consider the direction when you mount multiple plarizing plate as following mounting example. Please put transparent cover on the polarizing plate when you mount. Mounting example 
PL-OPB-10015		
PL-OPB-15015		
PL-OPB-20015		
PL-OPB-25015		
PL-OPB-30015		

Diffuse plate (80%)

Part number	Appearance
DF80-OPB-5015	
DF80-OPB-10015	
DF80-OPB-15015	
DF80-OPB-20015	
DF80-OPB-25015	
DF80-OPB-30015	

Transparent cover

Part number	Appearance
TC-OPB-5015	
TC-OPB-10015	
TC-OPB-15015	
TC-OPB-20015	
TC-OPB-25015	
TC-OPB-30015	

Bracket

Part number	Applicable product	Note
BKT-OPB-L	All OPB series	The mounting angle is adjustable from 0 to 90 deg. Screws are bundled
BKT-OPB-C50	OPB-5015R/W/B/G	
BKT-OPB-C100BK	OPB-10015R/W/B/G	
T-OPB-C150	OPB-15015R/W/B/G	
BKT-OPB-C200	OPB-20015R/W/B/G	
BKT-OPB-Q50	OPB-5015R/W/B/G	You can mount LED lightings from 1 to 4 pieces. Please use BKT-OPB-L to mount LEDs.
BKT-OPB-Q100	OPB-10015R/W/B/G	



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