PORT SHP210 - 50/300W

IP65 LED area luminaire, IK10 rated

Application

A decorative and versatile exterior commercial solution

Design Specifications

- Stylish die-cast aluminium body
- Durable powder coated finish in charcoal black, pole mounting angle adjustable from 0 - 180 degree.
- High efficiency SMD LED chips, CRI>70, CCT 5000K, optional 3000 or 4000K
- Integral constant current non-dimmable LED driver, pre-wired with 1500mm of 3 core rubber flex for easy termination
- Pole mounting angle adjustable from 0° to 180°, to suit 60mm diameter pole, see DIMENSIONS for an extensive range of optional bracket accessories
- Light distribution - Standard Symmetric (Type V), Optional to order Asymmetric (Type II, III, IV) and Symmetrical (90 degree).

Technical Specification

Model No.	Description	Input (V)	Power (W)	Lumens (lm)	CCT (K)	CRI
SHP210/50NDL/CB	LED FLOODLIGHT 50W 5K C/BLACK	240	50	6500	5000	70
SHP210/120NDL/CB	LED FLOODLIGHT 120W 5K C/BLACK	240	120	16000	5000	70
SHP210/180NDL/CB	LED FLOODLIGHT 180W 5K C/BLACK	240	180	23400	5000	70
SHP210/240NDL/CB	LED FLOODLIGHT 240W 5K C/BLACK	240	240	34000	5000	70
SHP210/300NDL/CB	LED FLOODLIGHT 300W 5K C/BLACK	240	300	42000	5000	70
SHP210/120NDL/CB/PE	LED FLOODLIGHT 120W 5K C/BLACK PE	240	120	16000	5000	70
SHP210/180NDL/CB/PE	LED FLOODLIGHT 180W 5K C/BLACK PE	240	180	23400	5000	70
SHP210/240NDL/CB/PE	LED FLOODLIGHT 240W 5K C/BLACK PE	240	240	34000	5000	70

NSW/ACT: 02 9723 3099
QLD: 07 3879 5999
VIC/TAS/SA/NT: 03 9532 3168
WA: 08 9248 7458
www.sal.net.au

PDF Prepared: 28.10.2019 8:54am
Last page update: Oct 2019

Model No.	Body Colour	Mass (kg)
SHP210/50NDL/CB	CHARCOAL BLACK	3.3
SHP210/120NDL/CB	CHARCOAL BLACK	6.6
SHP210/180NDL/CB	CHARCOAL BLACK	7.5
SHP210/240NDL/CB	CHARCOAL BLACK	10
SHP210/300NDL/CB	CHARCOAL BLACK	10.5
SHP210/120NDL/CB/PE	CHARCOAL BLACK	6.6
SHP210/180NDL/CB/PE	CHARCOAL BLACK	7.5
SHP210/240NDL/CB/PE	CHARCOAL BLACK	10

Dimensions

SHP210 accessories — FE3 2019 Issue 1

wattage	order code	standard in the package	optional, available in the package	optional, sold seperately	product outcome	notes
30W/50W	Slip Fitter					
	Straight Arm SHP210SA30/P					
	U bracket SHP210U30/P					
75-300W	Slip Fitter					
	Extruded Arm SHP210EA300/P					
	U bracket SHP210U120/P SHP210U180/P SHP210U300/P					*SHP210U120/P is shared use with SHP210/60 & SHP210/100 & SHP210/120 *SHP210U180/P is shared use with SHP210/150 & SHP210/160 *SHP210U300/P is shared use with SHP210/240 & SHP210/300

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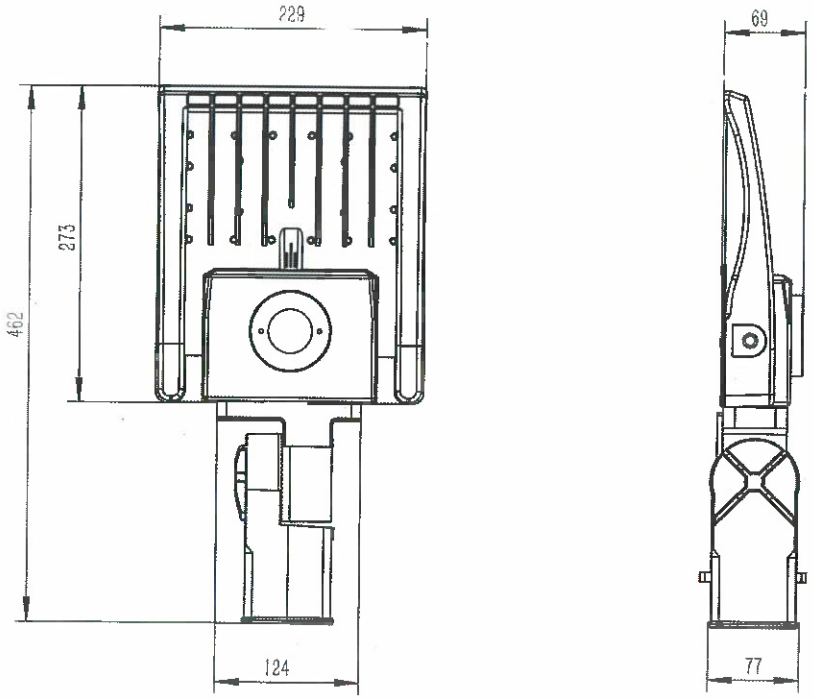
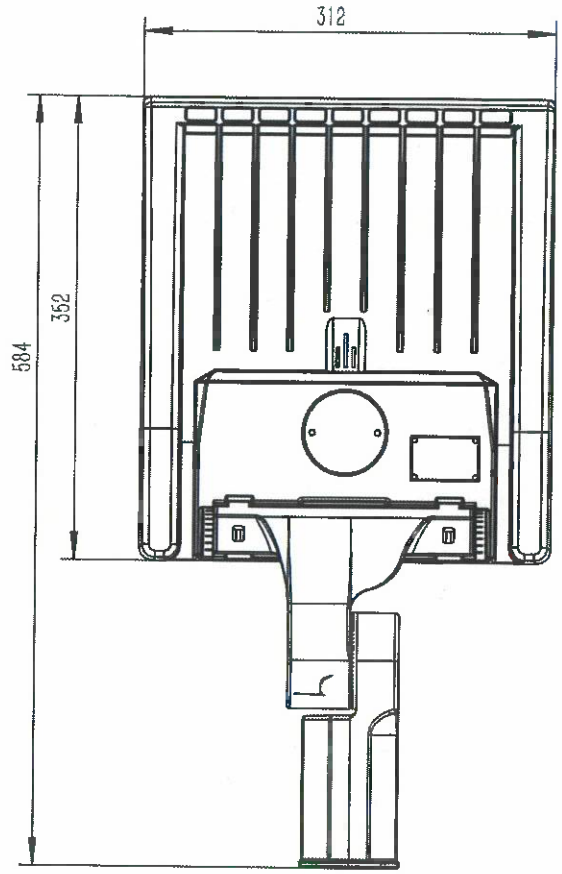
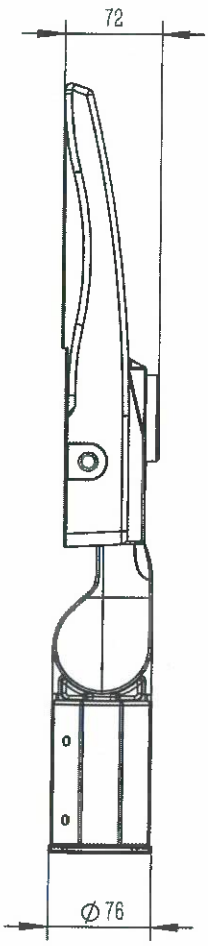
SHP210/30/50W

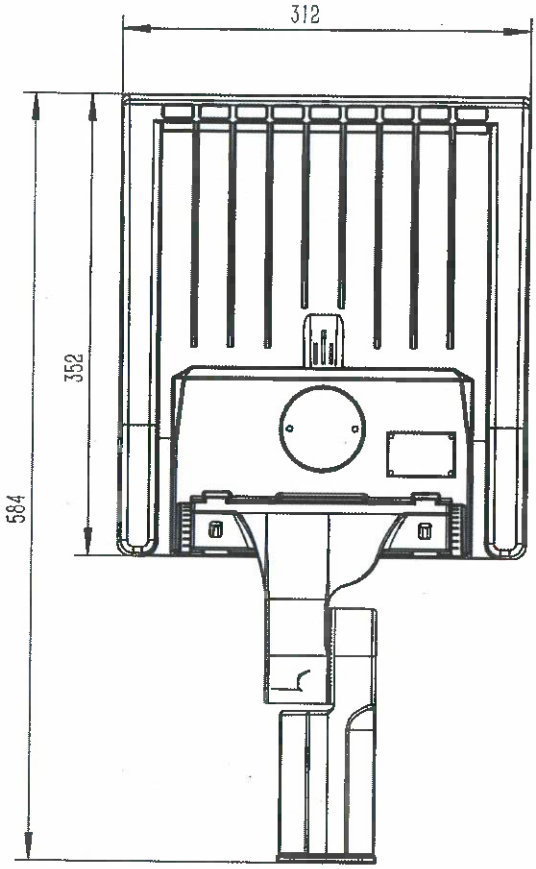


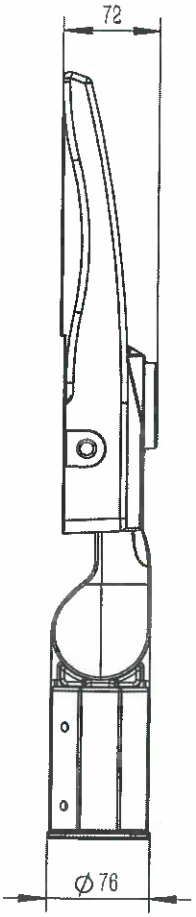
SHP210/75/120W



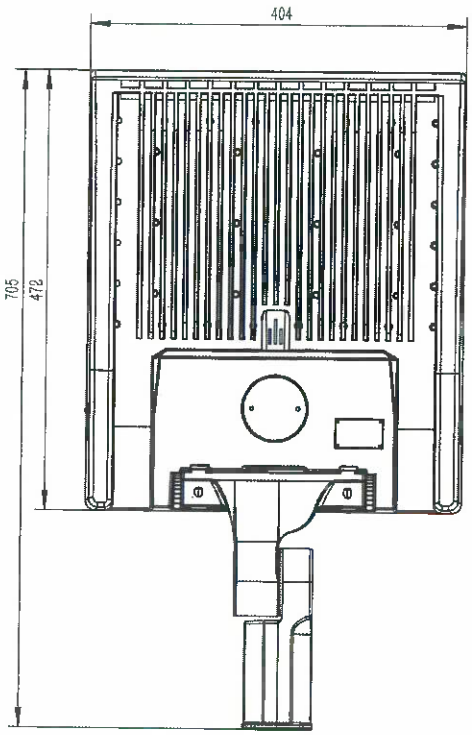


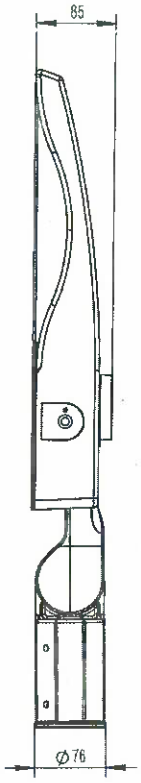
SHP210/150/180W





SHP210/240/300W

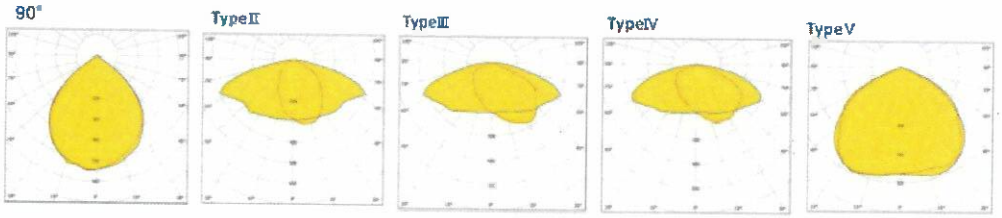




Photometric Data

SHP210 DISTRIBUTION TYPES

Photometric diagram



Product Images

Design Notes:

1. SCHEME FOR GUIDANCE ONLY, NOT FOR CONSTRUCTION.
   Scheme based upon supplied CAD drawing:
   Whilst all reasonable efforts to ensure accuracy it is recommended that ALL dimensions should be verified independently of this drawing.

2. This scheme was designed to meet Australian Standard 1158, as that applies to car parks, local road and public footpaths. This has been applied as a minimum standard.

3. A Maintenence Factor (MF) of 0.76 has been applied in accordance with AS 1158.3.1
   As required by Appendix E of AS 1158.3.1 a typical maintenance program commensurate to this would be:
   - Clean and inspect on 4 year cycle
   - Replace LED units after 12,000 hours of accumulated use or no less than 4 years and no more than 6, whichever occurs first and best suits the duty cycle for the office lighting.
   - Spontaneous failures before this time should be assessed for impact and replaced if considered necessary.

4. This scheme is subject to the normal accuracies and tolerances of photometry and software as described within AS 3827. For the purposes of this scheme these have been assessed to plus or minus 10%.

5. No obtrusive light analysis has been conducted for this scheme to either AS 4282 nor any similar obtrusive light based planning regulation or by-law. No compliance with any obtrusive light conditions is claimed no implied.

Calculation Summary					
Label	Units	Avg	Max	Min	Max/Avg
CalcPts_1	Lux	12.11	72.5	0.6	5.99

Luminaire Schedule							
Symbol	Qty	Label	Description	Cat #	Filename	Lum. Lumens	MF
✣	1	F1x4	SAL - 300W LED Post Top PORT- 20m - 4Way	SHP210_300_NDL_CB_TYPE III_20	SHP210_300_NDL_CB_TYPE III_20181	41509	0.800

DISCLAIMER:

THIS SCHEME HAS BEEN SUPPLIED AS A FREE SERVICE TO OUR CUSTOMERS
SAL COMMERCIAL ACCEPTS NO LIABILITY FOR ISSUES ARISING OUTSIDE OF ITS STATED WARRANTY AND COMMON LAW OBLIGATIONS WHICH LEAD TO POOR PERFORMANCE OUTCOMES.
IF ANY DOUBT EXISTS CONCERNING THIS SCHEME THEN SEEK CLARIFICATION PRIOR TO ORDERING.

SAL COMMERCIAL
Head Office
40 Biloela Street
Villawood NSW2163
P(02) 9723 3099
W - www.sal.net.au

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Customer Reference: Customer

Date: 17/01/2020

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