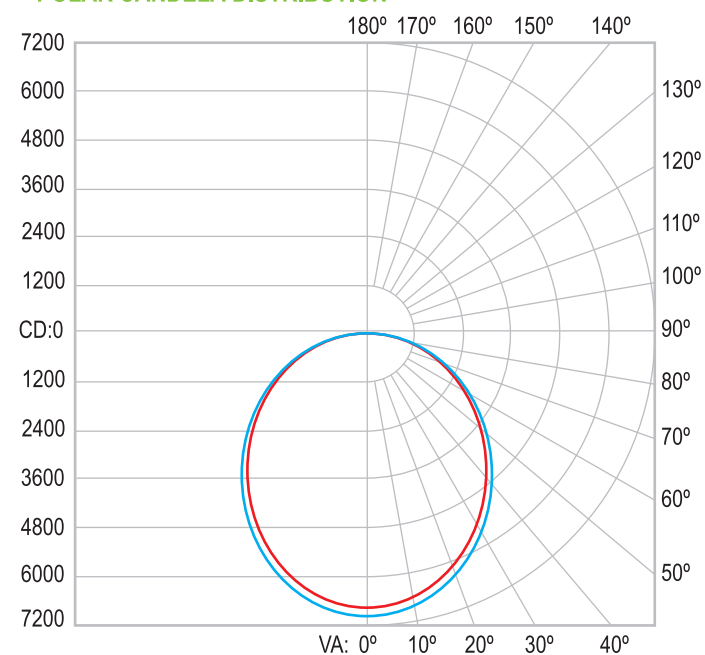


POLAR CANDELA DISTRIBUTION



Lamp ANATOMY

LED HIGHBAY LAMPS



ROADWAY SUMMARY

	% LAMP
Downward Street Side	66.50%
Downward House Side	33.50%
Downward Total	100%
Upward Street Side	0%
Upward House Side	0%
Upward Total	0%
Total Lumens	100%
Cutoff Classification	SEMICUTOFF
Distribution	TYPE III, SHORT
Max Cd, 90 Deg Vert.	0

ZONAL LUMEN SUMMARY

ZONE	LUMINAIRE
0 - 30	28.1%
0 - 40	45.7%
0 - 60	79.3%
60 - 90	20.7%
70 - 100	8.8%
90 - 120	0.0%
0 - 90	100%
90 - 180	0%
0 - 180	100%

HANS LEDLite

Maximising Illumination Thru Innovation

STREETLite series

LED STREET LAMPS



- Utilizing Hans LEDLite's patented thermal management principles for optimal LED performance
- Typically 3000K CCT but can be supplied in Neutral white (4700K CCT) and Cool White (6500 CCT)
- Product LED lifetime (L70) is 40,000 hours with no maintenance
- Instant start, works with no flickering and no humming. No hazardous material
- Suitable for outdoor and indoor application like street lamps and industrial lamps
- IES type III photometry for wider light distribution



HAN JDQ L (M) SDN BHD

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11900 Penang Malaysia

Tel : 6 04 644 1696
Fax : 6 04 644 1698
Email:
www.han-jdql.com



SPECIFICATIONS

		HJ-SL-20C	HJ-SL-30C
Photometric	Luminous flux (lumens)	1700	2650
	Luminous Efficacy (lm/w)	85	86
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)	
	Color rendering Index	80	
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz	
	Power consumption(W)	20	30
	Power factor (%)	0.9	
Control	Dimming	Compatible with selected ELV type dimmers (Optional)	
Certifications & Safety	Certification	CE, UL (pending)	
	Environment	Interior / Exterior / Dry / Wet : IP65	
Physical Dimension	Dimension (mm)	Refer the attached drawing	
	Weight (kgs)	3.5	
	Housing	Aluminum Extrusion	
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)	

SPECIFICATIONS

		HJ-SL-185C
Photometric	Luminous flux (lumens)	17500
	Luminous Efficacy (lm/w)	94
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)
	Color rendering Index	80
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz
	Power consumption(W)	185
	Power factor (%)	0.9
Control	Dimming	Compatible with selected ELV type dimmers (Optional)
Certifications & Safety	Certification	CE, UL (pending)
	Environment	Interior / Exterior / Dry / Wet : IP65
Physical Dimension	Dimension (mm)	Refer the attached drawing
	Weight (kgs)	6.0
	Housing	Aluminum Extrusion
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)

ILLUMINATION PROFILE

		HJ-SL-20C
DISTANCE	LUX (lx)	BEAM WIDTH (m)
1.0m	131.40	1.4 5.0
2.0m	28.35	2.7 9.9
3.0m	12.60	4.1 14.9
4.0m	7.09	5.5 19.8
5.0m	4.54	6.8 24.8
6.0m	3.15	8.2 29.8

Vertical (68.6°) Horizontal (136.1°)

ILLUMINATION PROFILE

		HJ-SL-30C
DISTANCE	LUX (lx)	BEAM WIDTH (m)
1.0m	137.40	1.4 5.0
2.0m	43.35	2.7 9.9
3.0m	19.27	4.1 14.9
4.0m	10.84	5.5 19.8
5.0m	6.94	6.8 24.8
6.0m	4.82	8.2 29.8

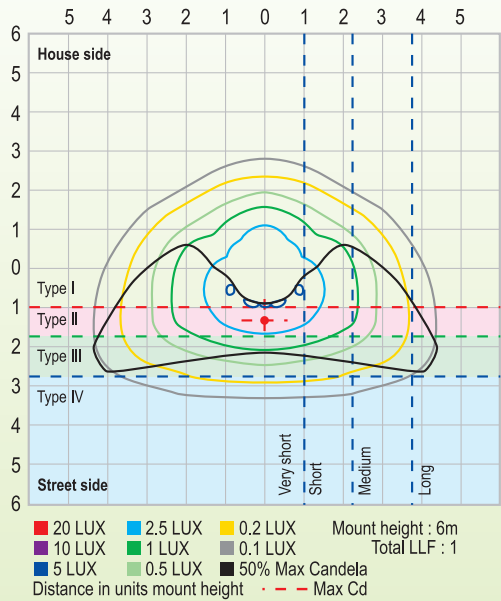
Vertical (68.6°) Horizontal (136.1°)

ILLUMINATION PROFILE

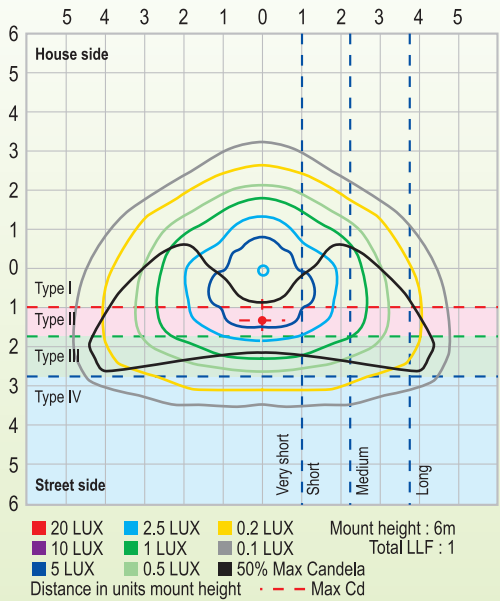
		HJ-SL-185C
DISTANCE	LUX (lx)	BEAM WIDTH (m)
1.0m	1177.30	1.4 5.0
2.0m	294.33	2.7 9.9
3.0m	130.81	4.1 14.9
4.0m	73.58	5.5 19.8
5.0m	47.09	6.8 24.8
6.0m	32.70	8.2 29.8

Vertical (68.6°) Horizontal (136.1°)

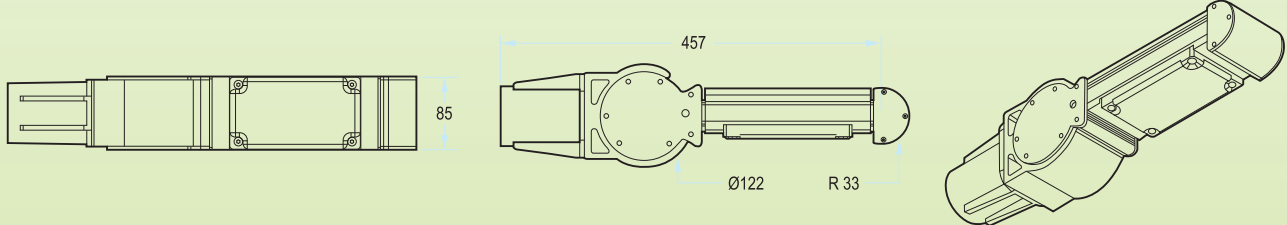
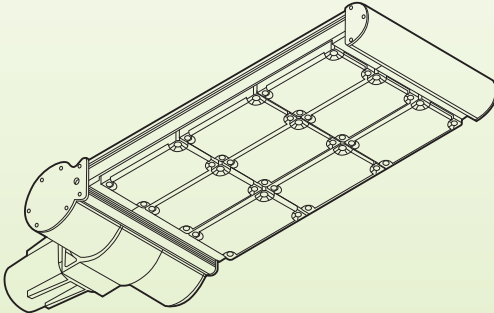
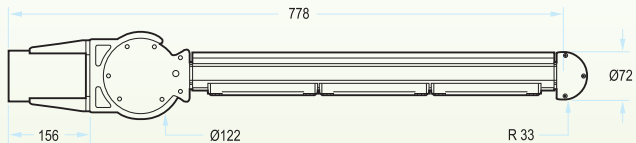
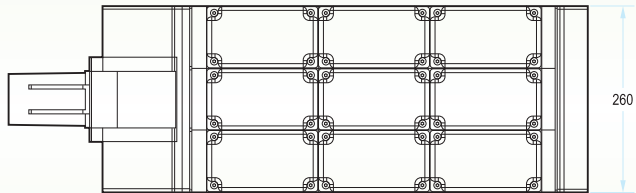
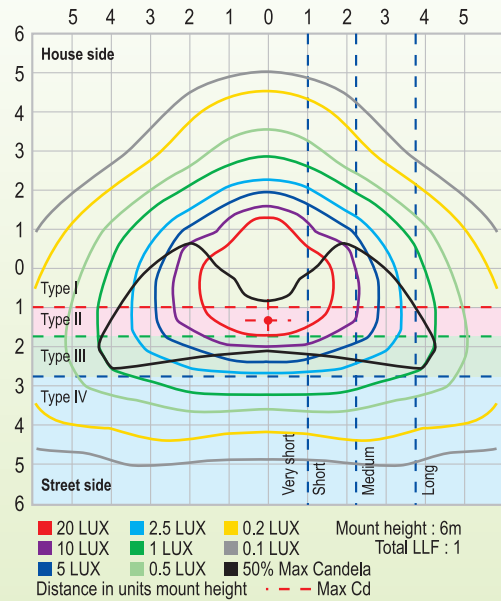
ISOLUX PLOT



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The photometric values were measured after stabilization of the samples in the integrating sphere. Stability is reached when the variation of 3 readings of light output and electrical power, taken 15 minutes apart, is less than 0.50% (in accordance with IES LM-79-08).

* The measurements are made with utmost precision at laboratory condition. On-field test values may vary from the lab results.

** The IES files are available for the above mentioned products, upon request.

SPECIFICATIONS

		HJ-SL-120C	HJ-SL-150C
Photometric	Luminous flux (lumens)	9600	13000
	Luminous Efficacy (lm/w)	85	86
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)	
	Color rendering Index	80	
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz	
	Power consumption(W)	120	150
	Power factor (%)	0.9	
Control	Dimming	Compatible with selected ELV type dimmers (Optional)	
Certifications & Safety	Certification	CE, UL (pending)	
	Environment	Interior / Exterior / Dry / Wet : IP65	
Physical Dimension	Dimension (mm)	Refer the attached drawing	
	Weight (kgs)	5.0	
	Housing	Aluminum Extrusion	
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)	

SPECIFICATIONS

		HJ-SL-40C	HJ-SL-50C
Photometric	Luminous flux (lumens)	3400	4200
	Luminous Efficacy (lm/w)	85	84
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)	
	Color rendering Index	80	
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz	
	Power consumption(W)	40	50
	Power factor (%)	0.9	
Control	Dimming	Compatible with selected ELV type dimmers (Optional)	
Certifications & Safety	Certification	CE, UL (pending)	
	Environment	Interior / Exterior / Dry / Wet : IP65	
Physical Dimension	Dimension (mm)	Refer the attached drawing	
	Weight (kgs)	5.0	
	Housing	Aluminum Extrusion	
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)	

ILLUMINATION PROFILE

		HJ-SL-120C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	647.00	1.4	5.0
2.0m	161.75	2.7	9.9
3.0m	71.89	4.1	14.9
4.0m	40.44	5.5	19.8
5.0m	25.88	6.8	24.8
6.0m	17.97	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

ILLUMINATION PROFILE

		HJ-SL-150C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	873.80	1.4	5.0
2.0m	218.45	2.7	9.9
3.0m	97.09	4.1	14.9
4.0m	54.61	5.5	19.8
5.0m	34.95	6.8	24.8
6.0m	24.27	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

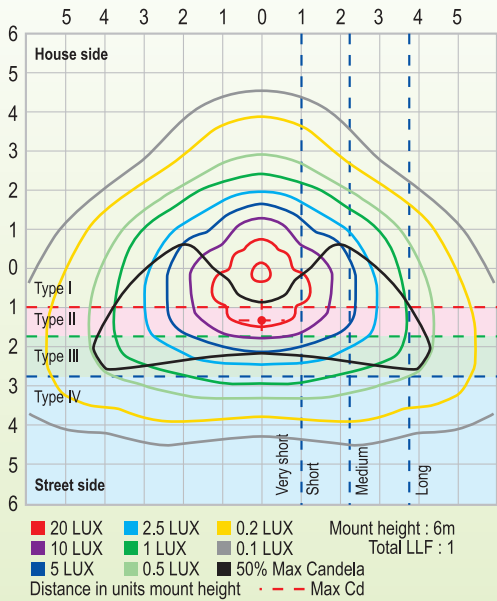
ILLUMINATION PROFILE

		HJ-SL-40C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	226.80	1.4	5.0
2.0m	56.70	2.7	9.9
3.0m	25.20	4.1	14.9
4.0m	14.18	5.5	19.8
5.0m	9.07	6.8	24.8
6.0m	6.30	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

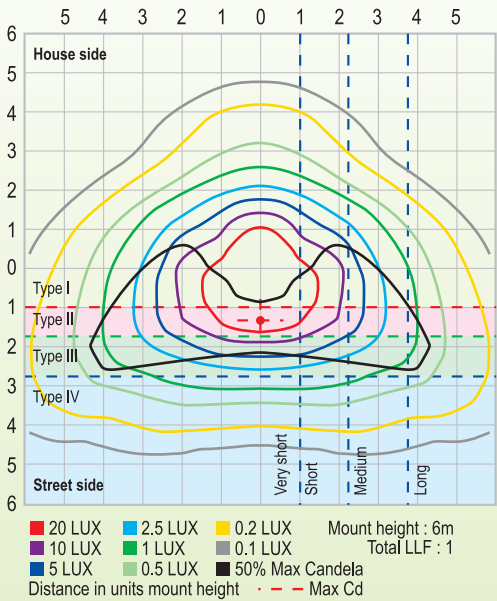
ILLUMINATION PROFILE

		HJ-SL-50C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	280.10	1.4	5.0
2.0m	70.03	2.7	9.9
3.0m	31.12	4.1	14.9
4.0m	17.51	5.5	19.8
5.0m	11.20	6.8	24.8
6.0m	7.78	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

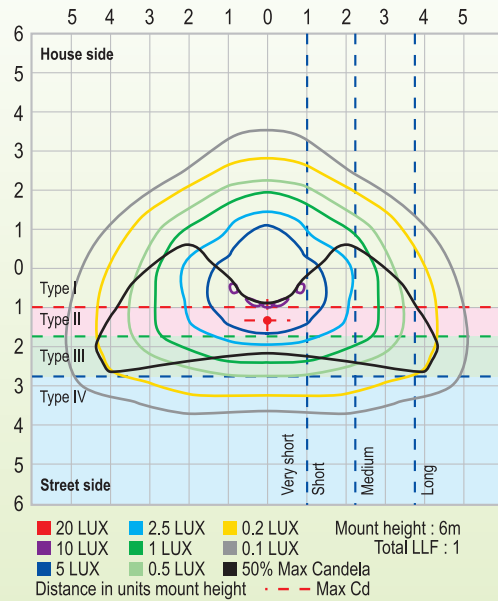
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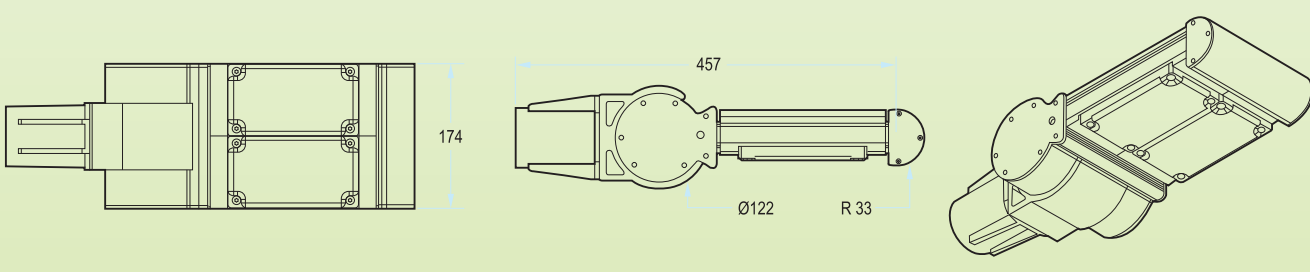
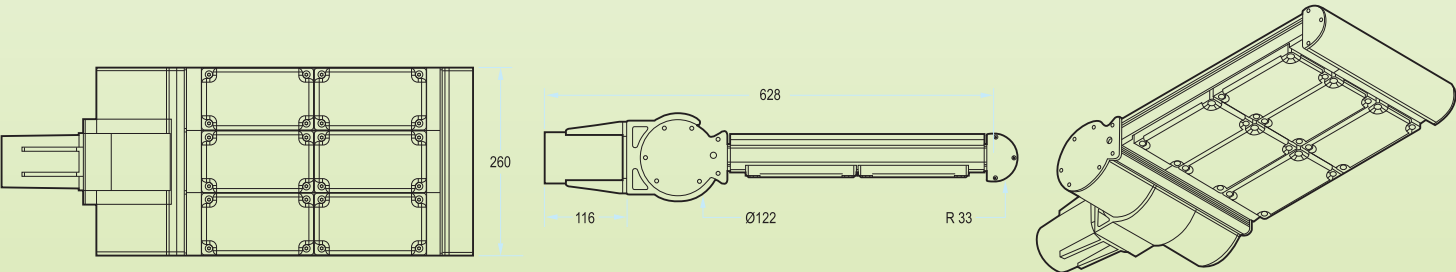
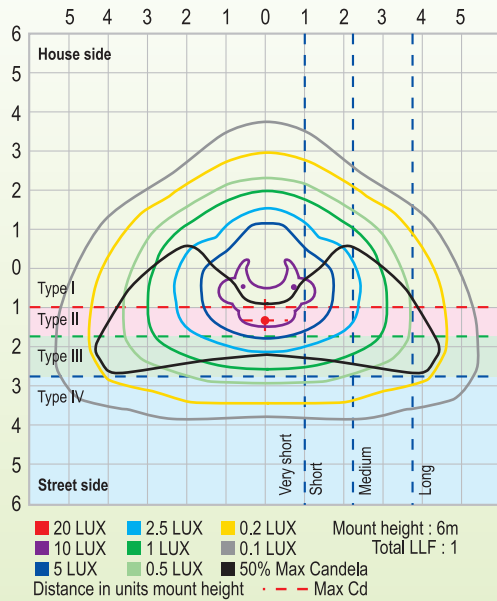
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SPECIFICATIONS

		HJ-SL-60C	HJ-SL-70C
Photometric	Luminous flux (lumens)	4980	5670
	Luminous Efficacy (lm/w)	82	81
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)	
	Color rendering Index	80	
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz	
	Power consumption(W)	60	70
	Power factor (%)	0.9	
Control	Dimming	Compatible with selected ELV type dimmers (Optional)	
Certifications & Safety	Certification	CE, UL (pending)	
	Environment	Interior / Exterior / Dry / Wet : IP65	
Physical Dimension	Dimension (mm)	Refer the attached drawing	
	Weight (kgs)	6.0	
	Housing	Aluminum Extrusion	
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)	

SPECIFICATIONS

		HJ-SL-80C	HJ-SL-90C
Photometric	Luminous flux (lumens)	6320	7500
	Luminous Efficacy (lm/w)	80	90
	Correlated color temperature (K)	3000 (warm white) / 4700 (neutral white) / 6500 (cool white)	
	Color rendering Index	80	
Electric	Input voltage (Volts)	120 / 240 V AC, 50 / 60 Hz	
	Power consumption(W)	80	90
	Power factor (%)	0.9	
Control	Dimming	Compatible with selected ELV type dimmers (Optional)	
Certifications & Safety	Certification	CE, UL (pending)	
	Environment	Interior / Exterior / Dry / Wet : IP65	
Physical Dimension	Dimension (mm)	Refer the attached drawing	
	Weight (kgs)	3.5	
	Housing	Aluminum Extrusion	
	Temperature (°C)	Operating (-40 to +60), Storage (-40 to +80)	

ILLUMINATION PROFILE

		HJ-SL-60C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	333.50	1.4	5.0
2.0m	83.38	2.7	9.9
3.0m	37.06	4.1	14.9
4.0m	20.84	5.5	19.8
5.0m	13.34	6.8	24.8
6.0m	9.26	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

ILLUMINATION PROFILE

		HJ-SL-70C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	380.20	1.4	5.0
2.0m	95.05	2.7	9.9
3.0m	42.24	4.1	14.9
4.0m	23.76	5.5	19.8
5.0m	15.21	6.8	24.8
6.0m	10.56	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

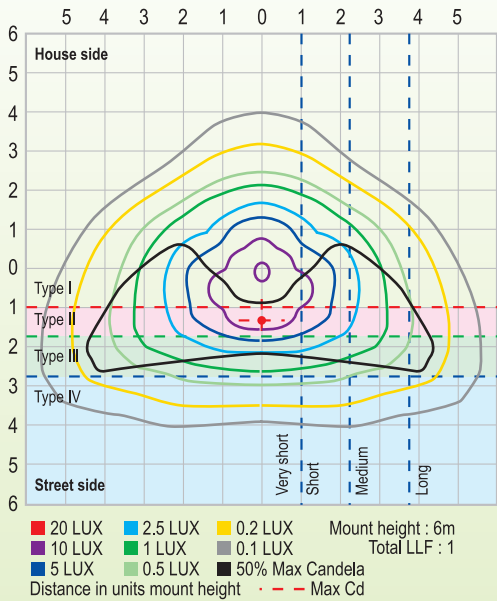
ILLUMINATION PROFILE

		HJ-SL-80C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	426.90	1.4	5.0
2.0m	106.73	2.7	9.9
3.0m	47.43	4.1	14.9
4.0m	26.68	5.5	19.8
5.0m	17.08	6.8	24.8
6.0m	11.86	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

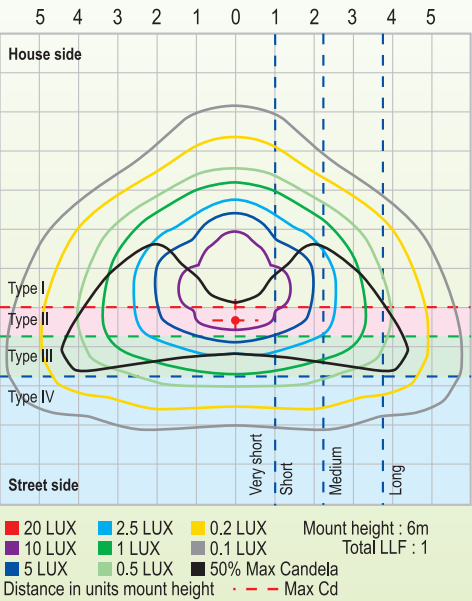
ILLUMINATION PROFILE

		HJ-SL-90C	
DISTANCE	LUX (lx)	BEAM WIDTH (m)	
1.0m	503.60	1.4	5.0
2.0m	125.90	2.7	9.9
3.0m	55.96	4.1	14.9
4.0m	31.48	5.5	19.8
5.0m	20.14	6.8	24.8
6.0m	13.99	8.2	29.8
		Vertical (68.6°) Horizontal (136.1°)	

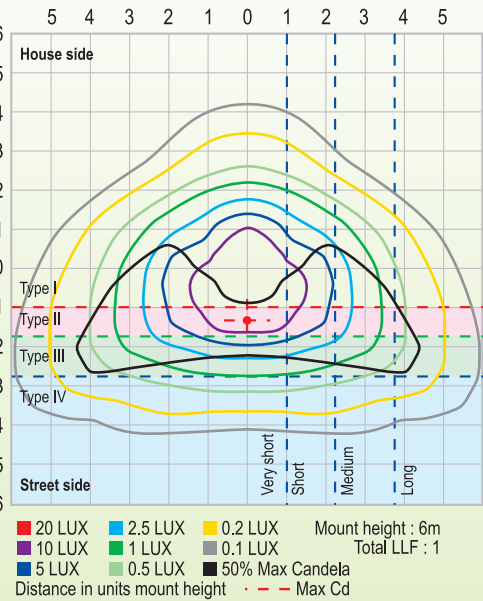
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