

Appendix E

E CDB Light Names and Hierarchy

CDB Lights are listed below; the XML file are also delivered with the Specification in:

`\CDB\Metadata\Lights.xml`



	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
1	Light	0	0	0	All purpose generic Light	0.6	1 1 1	Omni	---	---	---	---	---
2	Platform	1	1	1	Generic Platform Light	0.6	1 1 1	Omni	---	---	---	---	---
3	Air	2	2	2	Generic Aircraft Lights	0.6	1 1 1	Omni	---	---	---	---	---
4	Aircraft_Helos	3	3	3	Generic Light for Aircraft and Helicopters	0.6	1 1 1	Omni	---	---	---	---	---
5	Anti-collision	4	4	4	Generic Anti collision Light - normally red flashing	0.6	1 0 0	Omni	---	---	---	---	---
6	Bottom_Light	5	5	5	Anti-collision found on bottom of the fuselage	0.6	1 0 0	Omni	---	---	---	---	---
7	NVG_Bottom_Light	6	6	6	Anti-collision found on bottom of the fuselage in NVG Mode	0.6	1 0 0	Omni	---	---	---	---	---
8	Top_Light	7	7	7	Anti-collision found on Top of the fuselage	0.6	1 0 0	Omni	---	---	---	---	---
9	NVG_Top_Light	8	8	8	Anti-collision found on Top of the fuselage in NVG Mode	0.6	1 0 0	Omni	---	---	---	---	---
10	High_Intensity		501	501	High Intensity Anti-collision Light	0.95	1 0 0	Omni	---	---	---	0.7	0.25
11	Formation_Light	9	9	9	Florescent formation strip Lights	0.6	1 1 1	Omni	---	---	---	---	---
12	Flood_Light	10	10	10	White flood Lights used to illuminate the ground or part of the aircraft	0.8	1 1 1	Omni	---	---	---	---	---
13	Head_Light	11	11	11	Head Light used to allow pilots to see ahead	0.6	1 1 1	Omni	---	---	---	---	---
14	Identification_Strobe	12	12	12	Generic Strobe Lights used in flight to indicate position	0.6	1 1 1	Omni	---	---	---	1	0.05
15	Red_Light	13	13	13	Red identification strobe Light	0.6	1 0 0	Omni	---	---	---	1	0.05
16	White_Light	14	14	14	White identification strobe Light	0.6	1 1 1	Omni	---	---	---	1	0.05
17	IR_Light	15	15	15	Infrared Lights used to indicate position using infrared instruments	0.6	1 1 1	Omni	---	---	---	---	---
18	Landing_Light	16	16	16	White Lights used on Landing approach	0.9	1 1 1	Dir	60	60	---	---	---
19	Navigation	17	17	17	Generic Lights used in flight to indicate position	0.6	1 1 1	Omni	---	---	---	---	---
20	Red_Light	18	18	18	Red Navigation Light found on the left wing	0.6	1 0 0	Omni	---	---	---	---	---
21	Flashing_Red_Light		502	502	Flashing Red Navigation Light found on the left wing	0.6	1 0 0	Omni	---	---	---	1	0.5
22	Green_Light	19	19	19	Green Navigation Light found on the right wing	0.6	0 1 0	Omni	---	---	---	---	---
23	Flashing_Green_Light		503	503	Flashing Green Navigation Light found on the right wing	0.6	0 1 0	Omni	---	---	---	1	0.5
24	White_Light	20	20	20	White Navigation Light found on the tail wing	0.6	1 1 1	Omni	---	---	---	---	---
25	Flashing_White_Light		504	504	Flashing White Navigation Light found on the tail wing	0.6	1 1 1	Omni	---	---	---	1	0.5
26	NVG_Light	21	21	21	Navigation Light used in NVG Mode	0.6	1 1 1	Omni	---	---	---	---	---
27	Tail_Light	22	22	22	White Tail Light	0.6	1 1 1	Omni	---	---	---	---	---
28	Tail_Flood	23	23	23	Flood Light used to illuminate the tail, showing off the logo or markings	0.8	1 1 1	Omni	---	---	---	---	---
29	Taxi_Light	24	24	24	White Lights used when Aircrafts taxi on the ground	0.8	1 1 1	Dir	40	40	---	---	---
30	Wingtip_Obstruction	25	25	25	Generic Wintip obstruction Light	0.6	1 0 0	Omni	---	---	---	0.5	0.33
31	Red_Light	26	26	26	Red Obstruction Light found on left wing	0.6	1 0 0	Omni	---	---	---	0.5	0.33
32	Green_Light	27	27	27	Green Obstruction Light found on right wing	0.6	0 1 0	Omni	---	---	---	0.5	0.33
33	Civil	28	28	28	Generic Civil aircraft Lights	0.6	1 1 1	Omni	---	---	---	---	---
34	Business	29	29	29		0.6	1 1 1	Omni	---	---	---	---	---
35	Regional	30	30	30		0.6	1 1 1	Omni	---	---	---	---	---
36	Transport	31	31	31		0.6	1 1 1	Omni	---	---	---	---	---
37	Widebody	32	32	32		0.6	1 1 1	Omni	---	---	---	---	---
38	Military	33	33	33	Generic Military aircrafts Lights	0.6	1 1 1	Omni	---	---	---	---	---
39	Cargo_Light	34	34	34	Cargo Light	0.6	1 1 1	Dir	180	60	---	---	---
40	IR	35	35	35	Infrared Cargo Light	0.6	1 1 1	Dir	180	60	---	---	---
41	Refueling_Light	36	36	36	Refueling Light	0.6	1 1 1	Dir	60	60	---	---	---
42	Search_Light	37	37	37	Search Light	0.9	1 1 1	Dir	10	10	---	---	---
43	NVG_Light	38	38	38	Search Light used in NVG Mode	0.9	1 1 1	Dir	10	10	---	---	---
44	ASW_Patrol	39	39	39	GenericASW Patrol Aircraft Lights	0.6	1 1 1	Omni	---	---	---	---	---
45	Bomber	40	40	40	Generic Bomber Aircraft Lights	0.6	1 1 1	Omni	---	---	---	---	---
46	Cargo_Tanker	41	41	41	Generic Cargo Tanker Aircraft Lights	0.6	1 1 1	Omni	---	---	---	---	---
47	Pod_Light	425	466	466	Generic Pod Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
48	Starboard	426	467	467	Generic Starboard Pod Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
49	Green_Light	427	468	468	Green Light Alt of Starboard pod	0.6	0 1 0	Omni	---	---	---	---	---
50	Red_Light	428	469	469	Red Light Alt of Starboard pod	0.6	1 0 0	Omni	---	---	---	---	---

	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
51	Yellow_Light	429	470	470	Yellow Light Aft of Starboard pod	0.6	1 1 0	Omni	---	---	---	---	---
52	Port	430	471	471	Generic Port Pod Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
53	Green_Light	431	472	472	Green Light Aft of Port pod	0.6	0 1 0	Omni	---	---	---	---	---
54	Red_Light	432	473	473	Red Light Aft of Port pod	0.6	1 0 0	Omni	---	---	---	---	---
55	Yellow_Light	433	474	474	Yellow Light Aft of Port pod	0.6	1 1 0	Omni	---	---	---	---	---
56	Aldus_Light	434	475	475	Generic Aldus Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
57	Starboard	435	476	476	Generic Starboard Aldus Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
58	Amber_Light	436	477	477	Amber aldus Light at Starboard Aft door	0.6	1 0.6 0	Omni	---	---	---	---	---
59	Green_Light	437	478	478	Green aldus Light at Starboard Aft door	0.6	0 1 0	Omni	---	---	---	---	---
60	Red_Light	438	479	479	Red aldus Light at Starboard Aft door	0.6	1 0 0	Omni	---	---	---	---	---
61	Yellow_Light	439	480	480	Yellow aldus Light at Starboard Aft door	0.6	1 1 0	Omni	---	---	---	---	---
62	Port	440	481	481	Generic Port Aldus Lights on Cargo Tanker	0.6	1 1 1	Omni	---	---	---	---	---
63	Amber_Light	441	482	482	Amber aldus Light at Port Aft door	0.6	1 0.6 0	Omni	---	---	---	---	---
64	Green_Light	442	483	483	Green aldus Light at Port Aft door	0.6	0 1 0	Omni	---	---	---	---	---
65	Red_Light	443	484	484	Red aldus Light at Port Aft door	0.6	1 0 0	Omni	---	---	---	---	---
66	Yellow_Light	444	485	485	Yellow aldus Light at Port Aft door	0.6	1 1 0	Omni	---	---	---	---	---
67	Fighter	42	42	42	Generic Fighter Light	0.6	1 1 1	Omni	---	---	---	---	---
68	Helicopter	43	43	43	Specific Military Helicopter Lights	0.6	1 1 1	Omni	---	---	---	---	---
69	Slung_Load_Light	44	44	44	Light used to illuminate objects carried on a slung load	0.7	1 1 1	Omni	---	---	---	---	---
70	Attack	45	45	45	Generic Attack Helicopter Light	0.6	1 1 1	Omni	---	---	---	---	---
71	Cargo	46	46	46	Generic Cargo Helicopter Light	0.6	1 1 1	Omni	---	---	---	---	---
72	Special_Ops	47	47	47	Generic Special-Ops Helicopter Light	0.6	1 1 1	Omni	---	---	---	---	---
73	MH47-E	445	486	486	Generic Special-OpsMH-47-E Helicopter Light	0.6	1 1 1	Omni	---	---	---	---	---
74	Porch_Light	446	487	487	Lower White on bottom of Aft pylon near exhaust	0.6	1 1 1	Omni	---	---	---	---	---
75	Utility	48	48	48	Generic Utility Helicopter Light	0.6	1 1 1	Omni	---	---	---	---	---
76	Tanker	49	49	49	Generic Tanker Light	0.6	1 1 1	Omni	---	---	---	---	---
77	Unmanned	50	50	50	Generic Military Unmanned Aerial Vehicle (UAV) Lights	0.6	1 1 1	Omni	---	---	---	---	---
78	Navigation		494	494	Generic Nav Lights on UAVs to indicate position	0.6	1 1 1	Omni	---	---	---	---	---
79	Red_Light		495	495	Red navigation Light found on left wing	0.6	1 0 0	Omni	---	---	---	---	---
80	Green_Light		496	496	Green navigation Light found on right wing	0.6	0 1 0	Omni	---	---	---	---	---
81	White_Light		497	497	White navigation Light usually on the tail	0.6	1 1 1	Omni	---	---	---	---	---
82	Position		498	498	Generic Position Lights on UAVs to indicate position	0.6	1 1 1	Omni	---	---	---	---	---
83	Orange_Light		499	499	Orange position Light	0.6	1 0.5 0	Omni	---	---	---	---	---
84	White_Light		500	500	White position Light	0.6	1 1 1	Omni	---	---	---	---	---
85	Land	51	51	51	Generic Land Vehicle Light	0.6	1 1 1	Omni	---	---	---	---	---
86	Backup_Light	52	52	52	White Lights that indication a vehicle backing up	0.3	1 1 1	Omni	---	---	---	---	---
87	Blinking_Emergency_Light	53	53	53	Yellow flashing emergency Lights (i.e. 4-way flashing indicator Light	0.4	1 1 0	Omni	---	---	---	0.5	0.5
88	Blinking_Turn_Light	54	54	54	Yellow blinking turning indicator Light	0.4	1 1 0	Omni	---	---	---	0.5	0.5
89	Brake_Light	55	55	55	Red Lights when brakes are applied	0.4	1 0 0	Omni	---	---	---	---	---
90	Headlight	56	56	56	Generic Headlight on a Land Vehicle that allow a driver to see ahead	0.5	1 1 1	Omni	---	---	---	---	---
91	Low_Beam_Light	57	57	57	Low beam head Lights	0.5	1 1 1	Omni	---	---	---	---	---
92	High_Beam_Light	58	58	58	High beam head Lights	0.6	1 1 1	Omni	---	---	---	---	---
93	Perimeter_Amber_Light	59	59	59	Perimeter Lights	0.4	1 0.6 0	Omni	---	---	---	---	---
94	Strobing_Blue_Light	60	60	60	Blue strobe (Flashing)	0.5	0 0 1	Omni	---	---	---	1	0.05
95	Strobing_Red_Light	61	61	61	Red strobe (Flashing)	0.5	1 0 0	Omni	---	---	---	1	0.05
96	Strobing_White_Light	62	62	62	White Strobe (Flashing)	0.5	1 1 1	Omni	---	---	---	1	0.05
97	Strobing_Yellow_Light	63	63	63	Yellow Strobe (Flashing)	0.5	1 1 0	Omni	---	---	---	1	0.05
98	Tail_Light	64	64	64	Red tail Lights	0.4	1 0 0	Omni	---	---	---	---	---
99	Turn_Signal_Light	65	65	65	Yellow turning indicator Light	0.4	1 1 0	Omni	---	---	---	---	---
100	Car	66	66	66	Generic Car Lights	0.4	1 1 1	Omni	---	---	---	---	---



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101	Transport_Van	67	67	67	Generic Transport Lights	0.4	1 1 1	Omni	---	---	---	---	---
102	Truck	68	68	68	Generic Truck Lights	0.4	1 1 1	Omni	---	---	---	---	---
103	Ambulance	69	69	69	Generic Ambulance Lights	0.4	1 1 1	Omni	---	---	---	---	---
104	Firetruck	70	70	70	Generic Fire truck Lights	0.4	1 1 1	Omni	---	---	---	---	---
105	Train	71	71	71	Generic Train Lights	0.4	1 1 1	Omni	---	---	---	---	---
106	Caboose_Rear_Light	72	72	72	Caboose red Light at rear of a train	0.4	1 0 0	Omni	---	---	---	---	---
107	Engine_Head_Light	73	73	73	Train engine white head Light	0.7	1 1 1	Omni	---	---	---	---	---
108	Tank	74	74	74	Generic Tank Lights	0.6	1 1 1	Omni	---	---	---	---	---
109	Surface	75	75	75	Generic Surface Vehicle Light	0.6	1 1 1	Omni	---	---	---	---	---
110	Buoy	76	76	76	Generic Buoy Lights found on a Surface Vehicle	0.6	1 1 1	Omni	---	---	---	0.22	0.8
111	Green_Light	77	77	77	Green Buoy Light	0.6	0 1 0	Omni	---	---	---	0.22	0.8
112	Red_Light	78	78	78	Red Buoy Light	0.6	1 0 0	Omni	---	---	---	0.22	0.8
113	White_Light	79	79	79	White Buoy Light	0.6	1 1 1	Omni	---	---	---	0.22	0.8
114	Yellow_Light	80	80	80	Yellow Buoy Light	0.6	1 1 0	Omni	---	---	---	0.22	0.8
115	Marine_entry	81	81	81	Generic Marine Entry Light	0.6	1 1 1	Omni	---	---	---	---	---
116	Green_Light	82	82	82	Green Light	0.6	0 1 0	Omni	---	---	---	---	---
117	Red_Light	83	83	83	Red Light	0.6	1 0 0	Omni	---	---	---	---	---
118	Ship_Boat	84	84	84	Generic Ship/boat Lights	0.6	1 1 1	Omni	---	---	---	---	---
119	Navigation	85	85	85	Generic Navigation Lights on a Ship Boat	0.6	1 1 1	Omni	---	---	---	---	---
120	Directional	86	86	86	Generic Directional navigation Lights	0.6	1 1 1	Dir	180	180	---	---	---
121	Green_Light	87	87	87	Green directional navigation Light	0.6	0 1 0	Dir	180	180	---	---	---
122	Red_Light	88	88	88	Red directional navigation Light	0.6	1 0 0	Dir	180	180	---	---	---
123	White_Light	89	89	89	White directional navigation Light	0.6	1 1 1	Dir	180	180	---	---	---
124	Omnidirectional	90	90	90	Generic Omnidirectional navigation Lights	0.6	1 1 1	Omni	---	---	---	---	---
125	Green_Light	91	91	91	Green omnidirectional navigation Light	0.6	0 1 0	Omni	---	---	---	---	---
126	Red_Light	92	92	92	Red omnidirectional navigation Light	0.6	1 0 0	Omni	---	---	---	---	---
127	White_Light	93	93	93	White omnidirectional navigation Light	0.6	1 1 1	Omni	---	---	---	---	---
128	Search_Light	94	94	94	Search Light	0.9	1 1 1	Dir	10	10	---	---	---
129	NVG_Light	95	95	95	Search Light used in NVG mode	0.9	1 1 1	Dir	10	10	---	---	---
130	Civil	96	96	96	Generic Ship/boat civil Lights	0.6	1 1 1	Omni	---	---	---	---	---
131	Anchor_Light	97	97	97	Lights used to illuminate the anchor	0.6	1 1 1	Dir	150	120	---	---	---
132	Flood_Light	98	98	98	Lights used to illuminate the ground or the deck	0.6	1 1 1	Dir	30	30	---	---	---
133	Mast	99	99	99	Generic Lights found on a mast of the civilian ship	0.6	1 1 1	Dir	225	120	---	---	---
134	Amber_Light	100	100	100	Amber Mast Light	0.6	1 0.6 0	Dir	225	120	---	---	---
135	Green_Light	101	101	101	Green Mast Light	0.6	0 1 0	Dir	225	120	---	---	---
136	Red_Light	102	102	102	Red Mast Light	0.6	1 0 0	Dir	225	120	---	---	---
137	White_Light	103	103	103	White Mast Light	0.6	1 1 1	Dir	225	120	---	---	---
138	Cargo	104	104	104	Generic Cargo Lights	0.6	1 1 1	Omni	---	---	---	---	---
139	Container_Vessel	105	105	105	Generic Container Vessel Lights	0.6	1 1 1	Omni	---	---	---	---	---
140	Ferry	106	106	106	Generic Ferry Lights	0.6	1 1 1	Omni	---	---	---	---	---
141	Fishing_Vessel	107	107	107	Generic Fishing Vessel Lights	0.6	1 1 1	Omni	---	---	---	---	---
142	Ocean_Liner	108	108	108	Generic Ocean Liner specific Lights	0.6	1 1 1	Omni	---	---	---	---	---
143	Oil_Rig	109	109	109	Generic Oil Rig Lights	0.6	1 1 1	Omni	---	---	---	---	---
144	Tanker	110	110	110	generic Tanker Lights	0.6	1 1 1	Omni	---	---	---	---	---
145	Military	111	111	111	Generic Military Ship/Boat Lights	0.6	1 1 1	Omni	---	---	---	---	---
146	Flare_Light	112	112	112	Light effect from a Flare	0.8	1 1 1	Omni	---	---	---	---	---
147	Flood_Light	113	113	113	Lights used to illuminate the ground or the deck	0.6	1 1 1	Dir	30	30	---	---	---
148	Mast	114	114	114	Generic Lights found on a mast of the military ship	0.6	1 1 1	Dir	225	120	---	---	---
149	Amber_Light	115	115	115	Amber Mast Light	0.6	1 0.6 0	Dir	225	120	---	---	---
150	Green_Light	116	116	116	Green Mast Light	0.6	0 1 0	Dir	225	120	---	---	---

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Red_Light	117	117	117	Red Mast Light	0.6	1 0 0	Dir	225	120	---	---	---
White_Light	118	118	118	White Mast Light	0.6	1 1 1	Dir	225	120	---	---	---
HIRF	447	447	447	Generic High-Intensity Radiated Fields Lights	0.6	1 1 1	Omni	---	---	---	---	---
Amber_Light	448	448	448	Amber HIRF Light	0.6	1 0.6 0	Omni	---	---	---	---	---
Red_Light	449	449	449	Red HIRF Light	0.6	1 0 0	Omni	---	---	---	---	---
Horizon_Bar	119	119	119	Generic Horizon Bar Lights for landing on ship	0.8	0 1 0	Omni	---	---	---	---	---
Green_Light	120	120	120	Green horizon bar Light	0.8	0 1 0	Omni	---	---	---	---	---
White_Light	121	121	121	White horizon bar Light	0.8	1 1 1	Omni	---	---	---	---	---
Stern	450	450	450	Generic Stern Light	0.6	1 1 1	Omni	---	---	---	---	---
Port_Light	451	451	451	Port stern Light	0.6	1 1 1	Omni	---	---	---	---	---
Starboard_Light	452	452	452	Starboard stern Light	0.6	1 1 1	Omni	---	---	---	---	---
VertRep_Light	453	453	453	Vertical Replenishment Light	0.6	1 1 1	Omni	---	---	---	---	---
Aircraft_Carrier	122	122	122	Generic aircraft carrier Light	0.6	1 1 1	Omni	---	---	---	---	---
Approach_Light	123	123	123	Aircraft Carrier approach Lights	0.8	1 1 1	Dir	75	75	---	---	---
Approach_Strobe_Light	124	124	124	Aircraft Carrier approach strobe Lights	0.9	1 1 1	Dir	75	75	---	2	0.1
Deck	125	125	125	Generic Deck Light	0.8	1 1 1	Omni	---	---	---	---	---
Aft_Light	126	126	126	Deck Aft area 1/4 mark	0.8	1 1 1	Omni	---	---	---	---	---
Fore_Light	127	127	127	Deck Fore area 3/4 mark	0.8	1 1 1	Omni	---	---	---	---	---
Edge	128	128	128	Generic Edge Light found on a Deck	0.8	0 0 1	Omni	---	---	---	---	---
Blue_Light	129	129	129	Blue Deck edge Light	0.8	0 0 1	Omni	---	---	---	---	---
Red_Light	454	454	454	Red Deck edge Light	0.8	1 0 0	Omni	---	---	---	---	---
White_Light	130	130	130	White Deck edge Light	0.8	1 1 1	Omni	---	---	---	---	---
Obstruction_Light	131	131	131	Deck Light indicating the presence of an object which is dangerous to an aircraft	0.8	1 0 0	Omni	---	---	---	0.5	0.33
Mark_Area	132	132	132	Generic Mark Area found on a deck	0.7	1 0.6 0	Omni	---	---	---	---	---
Amber_Light	133	133	133	Amber deck Light	0.7	1 0.6 0	Omni	---	---	---	---	---
Green_Light	134	134	134	Green deck Light	0.7	0 1 0	Omni	---	---	---	---	---
Red_Light	135	135	135	Red deck Light	0.7	1 0 0	Omni	---	---	---	---	---
Ready_Light	136	136	136	Generic Deck Ready Lights	0.8	1 1 1	Omni	---	---	---	---	---
Status	137	137	137	Generic Status Light indicating the authority for flying operations to the FLight Deck Officer or Pilot	0.8	1 0.6 0	Omni	---	---	---	---	---
Amber_Light	138	138	138	Amber status Light	0.8	1 0.6 0	Omni	---	---	---	---	---
Green_Light	139	139	139	Green status Light (Go signal)	0.8	0 1 0	Omni	---	---	---	---	---
Red_Light	140	140	140	Red status Light (Stop signal)	0.8	1 0 0	Omni	---	---	---	---	---
Flood_Light	141	141	141	Lights used to illuminate the ground or the deck	0.8	1 1 1	Dir	30	30	---	---	---
GPI	142	142	142	Generic Glide path indicator Lights	0.7	1 0.6 0	Dir	180	54	---	---	---
Flashing_Green_Light	143	143	143	Green Flashing GPI	0.7	0 1 0	Dir	120	20	---	1.5	0.17
Flashing_Orange_Light	144	144	144	Orange Flashing GPI	0.7	1 0.6 0	Dir	180	54	---	3.9	0.065
Amber_Light	145	145	145	Amber GPI Light	0.7	1 0.6 0	Dir	30	8	---	---	---
Green_Light	146	146	146	Green GPI Light	0.7	0 1 0	Dir	30	2	---	---	---
Red_Light	147	147	147	Red GPI Light	0.7	1 0 0	Dir	30	6	---	---	---
HAPI	148	148	148	Generic Horizontal Approach Path Indicator Lights	0.8	1 1 1	Dir	80	18	---	---	---
Red_Light	149	149	149	Red HAPI Light	0.8	1 0 0	Dir	80	18	---	---	---
White_Light	150	150	150	White HAPI Light	0.8	1 1 1	Dir	80	18	---	---	---
Homing_Beacon_Light	151	151	151	Used to identify the vessel to an approaching aircraft	0.8	1 1 1	Omni	---	---	---	---	---
HPI_Light	152	152	152	Horizontal Path Indicator	0.8	1 1 1	Omni	---	---	---	---	---
No-Go_Light	153	153	153	Abort go Light	0.8	1 1 1	Dir	180	180	---	---	---
Nozzle_Rotation_Light	154	154	154	Nozzle rotation Light	0.6	1 1 1	Omni	---	---	---	---	---
Pri-Fly_Light	455	455	455	Primary FLight control Lights	0.6	1 1 1	Omni	---	---	---	---	---
SGSI	155	155	155	Generic Stabilized Glide Slope Indicator (approach Light indicator)	0.8	1 0.6 0	Dir	40	6.5	---	---	---
Amber_Light	156	156	156	Amber SGSI Light	0.8	1 0.6 0	Dir	40	1.5	---	---	---
Blue_Light	157	157	157	Blue SGSI Light	0.8	0 0 1	Dir	40	1	---	---	---



Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
Green_Light	158	158	158	Green SGSI Light	0.8	0 1 0	Dir	40	1	---	---	---
Red_Light	159	159	159	Red SGSI Light	0.8	1 0 0	Dir	40	6.5	---	---	---
Standby_Light	160	160	160	A means of indicating an aircraft to be at standby	0.8	1 1 1	Omni	---	---	---	---	---
Steady_Ship_Light	161	161	161	Steady ship Light	0.8	1 1 1	Omni	---	---	---	---	---
STOL	162	162	162	Generic Short Takeoff and landing Lights	0.8	1 1 1	Omni	---	---	---	---	---
Dropline_Light	163	163	163	STOL Dropline Light	0.8	1 1 1	Omni	---	---	---	---	---
Lineup_Centerline_Light	164	164	164	STOL Lineup Centerline Light	0.8	1 1 1	Omni	---	---	---	---	---
Waveoff_Light	165	165	165	A means of indicating to approaching aircraft that recovery is not permitted and should be aborted immediately.	0.8	1 1 1	Omni	---	---	---	2	0.33
Cruiser	166	166	166	Generic Cruiser Lights	0.6	1 1 1	Omni	---	---	---	---	---
Destroyer	167	167	167	Generic Destroyer Lights	0.6	1 1 1	Omni	---	---	---	---	---
Frigate	168	168	168	Generic Frigate Lights	0.6	1 1 1	Omni	---	---	---	---	---
Patrol	169	169	169	Generic Patrol ship Lights	0.6	1 1 1	Omni	---	---	---	---	---
Battleship	170	170	170	Generic Battleship Lights	0.6	1 1 1	Omni	---	---	---	---	---
Cargo	171	171	171	Generic Cargo Lights	0.6	1 1 1	Omni	---	---	---	---	---
Subsurface	172	172	172	Generic Subsurface Vehicle Lights	0.6	1 1 1	Omni	---	---	---	---	---
Submarine	173	173	173	Generic Submarine Lights	0.6	1 1 1	Omni	---	---	---	---	---
Munition	174	174	174	Generic Munition Light	0.5	1 1 1	Omni	---	---	---	---	---
Tracer_Light	175	175	175	Light created by tracer fire effect in a bullet	0.5	1 0.6 0	Omni	---	---	---	---	---
Decoy_Flare_Light	176	176	176	Decoy flare Light	0.9	1 1 1	Omni	---	---	---	---	---
Distress_Flare_Light	177	177	177	Distress flare Light	0.9	1 0 0	Omni	---	---	---	---	---
Fireworks_Distress_Flare_Light	178	178	178	Fireworks flare Light	0.9	1 0 0	Omni	---	---	---	---	---
Flare_Light	179	179	179	Flare defensive counter measure Light effect (vs. IR guided missile)	0.9	1 1 1	Omni	---	---	---	---	---
Chaff_Light	180	180	180	Chaff defensive counter measure Light effect (vs. Radar guided missiles)	0.5	1 1 1	Omni	---	---	---	---	---
Lifeform	181	181	181	Generic Lifeform Light (regroups all Lights that could be assigned to ainy human lifeforms)	0.7	1 1 1	Omni	---	---	---	---	---
Flashlight_Light	182	182	182	Hand held flashLight	0.5	1 1 1	Dir	45	45	---	---	---
Marshaller	183	183	183	Generic Marshaller Lights	0.7	1 1 1	Omni	---	---	---	---	---
Ground_Personel	184	184	184	GenericGround Personnel Lights	0.6	1 1 1	Omni	---	---	---	---	---
Survivor	185	185	185	GenericSurvivor Lights (on ground or sea)	0.7	1 1 1	Omni	---	---	---	1	0.33
Cultural	186	186	186	Generic Cultural Ground base Light	0.8	1 1 1	Omni	---	---	---	---	---
Point-Based	187	187	187	Generic Point based Light	0.8	1 1 1	Omni	---	---	---	---	---
Flood_Light	188	188	188	Lights used to illuminate the ground	0.8	1 1 1	Omni	---	---	---	---	---
Obstruction	189	189	189	Generic Obstruction Light - A Light indicating the presence of an object which is dangerous to an aircraft in flight.	0.9	1 0 0	Omni	---	---	---	---	---
Red			514	Generic Red Obstruction Light	0.9	1 0 0	Omni	---	---	---	0.5	0.5
Type_L864_Light			515	A flashing red obstruction Light with 20-40 flashes per minute (FAA type L-864)	0.9	1 0 0	Omni	---	---	---	0.5	0.5
Type_L885_Light			516	A flashing red obstruction Light with 60 flashes per minute (FAA type L-885)	0.9	1 0 0	Omni	---	---	---	1	0.5
Type_L810_Light			517	A steady-burning red obstruction Light (FAA type L-810)	0.5	1 0 0	Omni	---	---	---	---	---
White			518	Generic White Obstruction Light	1.0	1 1 1	Omni	---	---	---	0.66	0.1
Type_L856_Light			519	A high intensity flashing white obstruction Light with 40 flashes per minute (FAA type L-856)	1.0	1 1 1	Omni	---	---	---	0.66	0.1
Type_L857_Light			520	A high intensity flashing white obstruction Light with 60 flashes per minute (FAA type L-857)	1.0	1 1 1	Omni	---	---	---	1	0.1
Type_L865_Light			521	A medium intensity flashing white obstruction Light with 40 flashes per minute (FAA type L-865)	0.5	1 1 1	Omni	---	---	---	0.66	0.1
Type_L866_Light			522	A medium intensity flashing white obstruction Light with 60 flashes per minute (FAA type L-866)	0.5	1 1 1	Omni	---	---	---	1.0	0.1
Strobe_Light	190	190	190	Flashing Ground Light that helps to indicate position	0.8	1 1 1	Omni	---	---	---	1	0.05
Communication_Tower	191	191	191	Generic Communication Tower Lights	0.8	1 1 1	Omni	---	---	---	---	---
FARP	192	192	192	Generic Forward Area Ream/Refuel Point Lights	0.8	1 1 1	Omni	---	---	---	---	---
IR_Light	193	193	193	Forward Area Ream/Refuel Point IR Light	0.8	1 1 1	Omni	---	---	---	---	---
Strobe_Light	194	194	194	Forward Area Ream/Refuel Point strobe Light	0.9	1 1 1	Omni	---	---	---	1	0.05
Y_Light	195	195	195	Forward Area Ream/Refuel Point Y-shaped Light	0.8	1 1 1	Omni	---	---	---	---	---
Harbour_Light	196	196	196	Harbour Light	0.7	1 1 1	Omni	---	---	---	---	---
Pylon	197	197	197	Generic Power Pylon Lights	0.8	1 1 1	Omni	---	---	---	---	---
Railroad_Junction	198	198	198	Generic Railroad Junction Lights	0.8	1 0 0	Omni	---	---	---	0.67	0.5

	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
251	Flashing_Red_Light	199	199	199	Flashing Red rail road crossing stop Lights	0.8	1 0 0	Omni	---	---	---	0.67	0.5
252	Highway_Junction	200	200	200	Generic Highway Junction Lights	0.7	1 1 1	Omni	---	---	---	---	---
253	Bridge	201	201	201	Generic Bridge Lights	0.7	1 1 1	Omni	---	---	---	---	---
254	Hazard	202	202	202	Generic Harzard Light - A White Light indicating the presence of an hazard around the airport	0.8	1 1 1	Omni	---	---	---	---	---
255	Flashing_Light	203	203	203	White hazard flashing Light	0.8	1 1 1	Omni	---	---	---	---	---
256	Hi_Intensity_Light	204	204	204	White HI-Intensity hazard Light	0.9	1 1 1	Omni	---	---	---	---	---
257	Line-Based	205	205	205	Generic Line based Lights (Linear features as Roads)	0.8	1 1 1	Omni	---	---	---	---	---
258	Fluorescent_Light	206	206	206	Fluorescent based Light	0.8	1 1 1	Omni	---	---	---	---	---
259	Incandescent_Light	207	207	207	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
260	Mercury_Light	208	208	208	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
261	Metal_Halide_Light	209	209	209	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
262	Sodium_Light	210	210	210	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
263	Multilane_Divided_Hwy	211	211	211	Generic Multi-lane divided highway Lights	0.8	1 1 1	Omni	---	---	---	---	---
264	Incandescent_Light	212	212	212	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
265	Mercury_Light	213	213	213	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
266	Metal_Halide_Light	214	214	214	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
267	Sodium_Light	215	215	215	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
268	Median	216	216	216	Median divider Lights	0.8	1 1 1	Omni	---	---	---	---	---
269	Edge	217	217	217	Highway edge/sidewalk Lights	0.8	1 1 1	Omni	---	---	---	---	---
270	Multilane_Hwy	218	218	218	Generic Multi-lane highway Lights	0.8	1 1 1	Omni	---	---	---	---	---
271	Incandescent_Light	219	219	219	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
272	Mercury_Light	220	220	220	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
273	Metal_Halide_Light	221	221	221	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
274	Sodium_Light	222	222	222	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
275	Median	223	223	223	Median divider Lights	0.8	1 1 1	Omni	---	---	---	---	---
276	Edge	224	224	224	Highway edge/sidewalk Lights	0.8	1 1 1	Omni	---	---	---	---	---
277	Highway	225	225	225	Generic Single Lane Highway	0.8	1 1 1	Omni	---	---	---	---	---
278	Incandescent_Light	226	226	226	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
279	Mercury_Light	227	227	227	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
280	Metal_Halide_Light	228	228	228	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
281	Sodium_Light	229	229	229	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
282	Road	230	230	230	Generic Road Lights	0.8	1 1 1	Omni	---	---	---	---	---
283	Incandescent_Light	231	231	231	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
284	Mercury_Light	232	232	232	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
285	Metal_Halide_Light	233	233	233	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
286	Sodium_Light	234	234	234	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
287	Boulevard	235	235	235	Generic Boulevard Lights	0.8	1 1 1	Omni	---	---	---	---	---
288	Incandescent_Light	236	236	236	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
289	Mercury_Light	237	237	237	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
290	Metal_Halide_Light	238	238	238	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
291	Sodium_Light	239	239	239	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
292	Street	240	240	240	Generic Small street Lights	0.8	1 1 1	Omni	---	---	---	---	---
293	Incandescent_Light	241	241	241	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
294	Mercury_Light	242	242	242	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
295	Metal_Halide_Light	243	243	243	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
296	Sodium_Light	244	244	244	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
297	Lane	245	245	245	Generic line based Light	0.8	1 1 1	Omni	---	---	---	---	---
298	Incandescent_Light	246	246	246	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
299	Area-Based	247	247	247	Generic Area Lights which cover a larger area	0.8	1 1 1	Omni	---	---	---	---	---
300	Fluorescent_Light	248	248	248	Fluorescent based Light	0.8	1 1 1	Omni	---	---	---	---	---



	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
301	Incandescent_Light	249	249	249	Incandescent based Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
302	Mercury_Light	250	250	250	Mercury based Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
303	Metal_Halide_Light	251	251	251	Metal Halide based Light	0.8	1 1 1	Omni	---	---	---	---	---
304	Sodium_Light	252	252	252	Sodium based Light	0.8	1 1 0	Omni	---	---	---	---	---
305	Residential_Area	253	253	253	Generic Residential Area based Lights	0.8	1 1 1	Omni	---	---	---	---	---
306	Bright	254	254	254	Generic Bright residential area Lights	0.8	1 1 1	Omni	---	---	---	---	---
307	Incandescent_Light	255	255	255	Incandescent bright Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
308	Mercury_Light	256	256	256	Mercury bright Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
309	Dim	257	257	257	Generic Dim residential area Lights	0.7	1 1 1	Omni	---	---	---	---	---
310	Incandescent_Light	258	258	258	Incandescent dim Light	0.7	1 0.6 0.3	Omni	---	---	---	---	---
311	Mercury_Light	259	259	259	Mercury dim Light	0.7	0.9 0.9 1	Omni	---	---	---	---	---
312	Industrial_Area	260	260	260	Generic Industrial Area based Lights	0.8	1 1 1	Omni	---	---	---	---	---
313	Bright	261	261	261	Generic Bright industrial area Lights	0.8	1 1 1	Omni	---	---	---	---	---
314	Incandescent_Light	262	262	262	Incandescent bright Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
315	Mercury_Light	263	263	263	Mercury bright Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
316	Dim	264	264	264	Generic dim industrial area Lights	0.7	1 1 1	Omni	---	---	---	---	---
317	Incandescent_Light	265	265	265	Incandescent dim Light	0.7	1 0.6 0.3	Omni	---	---	---	---	---
318	Mercury_Light	266	266	266	Mercury dim Light	0.7	0.9 0.9 1	Omni	---	---	---	---	---
319	Downtown_Area	267	267	267	Generic City Downtown Area Lights	0.8	1 1 1	Omni	---	---	---	---	---
320	Bright	268	268	268	Generic bright downtown area Lights	0.8	1 1 1	Omni	---	---	---	---	---
321	Incandescent_Light	269	269	269	Incandescent bright Light	0.8	1 0.6 0.3	Omni	---	---	---	---	---
322	Mercury_Light	270	270	270	Mercury bright Light	0.8	0.9 0.9 1	Omni	---	---	---	---	---
323	Dim	271	271	271	Generic dim downtown area Lights	0.7	1 1 1	Omni	---	---	---	---	---
324	Incandescent_Light	272	272	272	Incandescent dim Light	0.7	1 0.6 0.3	Omni	---	---	---	---	---
325	Mercury_Light	273	273	273	Mercury dim Light	0.7	0.9 0.9 1	Omni	---	---	---	---	---
326	Airport_Lighting	274	274	274	Generic Airport Lighting	0.9	1 1 1	Omni	---	---	---	---	---
327	Apron	275	275	275	Generic Apron Light	0.9	1 1 1	Omni	---	---	---	---	---
328	Entrance_Light	276	276	276	Apron entrance Light from runway or taxiway	0.9	1 1 1	Omni	---	---	---	---	---
329	Flood_Light	277	277	277	Flood Light to illuminate the Apron	0.9	1 1 1	Omni	---	---	---	---	---
330	Beacon	278	278	278	Generic Beacon Light	0.9	1 1 1	Omni	---	---	---	0.33	0.33
331	ID_Beacon_Light	279	279	279	Identification Beacon Light	0.9	1 1 1	Omni	---	---	---	0.33	0.33
332	UK_Pundit_Light-XX			523	Red UK Pundit Light where XX denotes two-letter Pundit code. NOTE: Red Omni flashing pattern is equivalent to the two-letter morse code for XX)	0.9	1 0 0	Omni	---	---	---	---	---
333	Double_White_Rotating_2sec_Light	427	427	427	Double peak White 2 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.5	0.33
334	Double_White_Rotating_3sec_Light	428	428	428	Double peak White 3 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.33	0.33
335	Double_White_Rotating_5sec_Light	429	429	429	Double peak White 5 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.2	0.33
336	Double_White_Rotating_10sec_Light	439	439	439	Double peak White 10 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.1	0.33
337	White_Rotating_2sec_Light	280	280	280	White 2 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.5	0.33
338	White_Rotating_3sec_Light	281	281	281	White 3 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.33	0.33
339	White_Rotating_5sec_Light	282	282	282	White 5 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.2	0.33
340	White_Rotating_10sec_Light	445	445	445	White 10 sec interval Rotating Beacon	0.9	1 1 1	Omni	---	---	---	0.1	0.33
341	Green_Rotating_2sec_Light	283	283	283	Green 2 sec interval Rotating Beacon	0.9	0 1 0	Omni	---	---	---	0.5	0.33
342	Green_Rotating_3sec_Light	284	284	284	Green 3 sec interval Rotating Beacon	0.9	0 1 0	Omni	---	---	---	0.33	0.33
343	Green_Rotating_5sec_Light	285	285	285	Green 5 sec interval Rotating Beacon	0.9	0 1 0	Omni	---	---	---	0.2	0.33
344	Green_Rotating_10sec_Light	440	440	440	Green 10 sec interval Rotating Beacon	0.9	0 1 0	Omni	---	---	---	0.1	0.33
345	Yellow_Rotating_2sec_Light	430	430	430	Yellow 2 sec interval Rotating Beacon	0.9	1 1 0	Omni	---	---	---	0.5	0.33
346	Yellow_Rotating_3sec_Light	431	431	431	Yellow 3 sec interval Rotating Beacon	0.9	1 1 0	Omni	---	---	---	0.33	0.33
347	Yellow_Rotating_5sec_Light	432	432	432	Yellow 5 sec interval Rotating Beacon	0.9	1 1 0	Omni	---	---	---	0.2	0.33
348	Yellow_Rotating_10sec_Light	441	441	441	Yellow 10 sec interval Rotating Beacon	0.9	1 1 0	Omni	---	---	---	0.1	0.33
349	Double_White_Flashing_2sec_Light	433	433	433	Double peak White 2 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.5	0.33
350	Double_White_Flashing_3sec_Light	434	434	434	Double peak White 3 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.33	0.33

	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
351	Double_White_Flashing_5sec_Light	435	435	435	Double peak White 5 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.2	0.33
352	Double_White_Flashing_10sec_Light	442	442	442	Double peak White 10 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.1	0.33
353	White_Flashing_2sec_Light	286	286	286	White 2 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.5	0.33
354	White_Flashing_3sec_Light	287	287	287	White 3 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.33	0.33
355	White_Flashing_5sec_Light	288	288	288	White 5 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.2	0.33
356	White_Flashing_10sec_Light	446	446	446	White 10 sec interval Flashing Beacon	0.9	1 1 1	Omni	---	---	---	0.1	0.33
357	Green_Flashing_2sec_Light	289	289	289	Green 2 sec interval Flashing Beacon	0.9	0 1 0	Omni	---	---	---	0.5	0.33
358	Green_Flashing_3sec_Light	290	290	290	Green 3 sec interval Flashing Beacon	0.9	0 1 0	Omni	---	---	---	0.33	0.33
359	Green_Flashing_5sec_Light	291	291	291	Green 5 sec interval Flashing Beacon	0.9	0 1 0	Omni	---	---	---	0.2	0.33
360	Green_Flashing_10sec_Light	443	443	443	Green 10 sec interval Flashing Beacon	0.9	0 1 0	Omni	---	---	---	0.1	0.33
361	Yellow_Flashing_2sec_Light	436	436	436	Yellow 2 sec interval Flashing Beacon	0.9	1 1 0	Omni	---	---	---	0.5	0.33
362	Yellow_Flashing_3sec_Light	437	437	437	Yellow 3 sec interval Flashing Beacon	0.9	1 1 0	Omni	---	---	---	0.33	0.33
363	Yellow_Flashing_5sec_Light	438	438	438	Yellow 5 sec interval Flashing Beacon	0.9	1 1 0	Omni	---	---	---	0.2	0.33
364	Yellow_Flashing_10sec_Light	444	444	444	Yellow 10 sec interval Flashing Beacon	0.9	1 1 0	Omni	---	---	---	0.1	0.33
365	Docking_Sytem	292	292	292	Generic Docking System Light	0.9	1 0.6 0	Omni	---	---	---	---	---
366	Amber_Light	293	293	293	Amber Docking System Light	0.9	1 0.6 0	Omni	---	---	---	---	---
367	Green_Light	294	294	294	Green Docking System Light	0.9	0 1 0	Omni	---	---	---	---	---
368	Red_Light	295	295	295	Red Docking System Light	0.9	1 0 0	Omni	---	---	---	---	---
369	Obstruction	296	296	296	Generic Obstruction Light - A red Light indicating the presence of an object which is dangerous to an aircraft in flight.	0.85	1 0 0	Omni	---	---	---	0.5	0.33
370	Flashing_Light	297	297		Red Obstruction flashing Light (deprecated in CDB v3.2)	0.85	1 0 0	Omni	---	---	---	0.5	0.33
371	Hi_Intensity_Light	298	298		Red Hi-Intensity obstruction Light (deprecated in CDB v3.2)	0.9	1 0 0	Omni	---	---	---	0.5	0.33
372	Runway	299	299	299	Generic Runway Lights	0.9	1 1 1	Omni	---	---	---	---	---
373	Approach_System	300	300	300	Generic Airport Approach Lighting Systems	0.9	1 1 1	Dir	75	75	---	---	---
374	Barrette	301	301	301	Generic Barrette Light	0.9	1 1 1	Dir	75	75	---	---	---
375	Red_Light	302	302	302	Red barrette Light	0.9	1 0 0	Dir	75	75	---	---	---
376	White_Light	303	303	303	White barrette Light	0.9	1 1 1	Dir	75	75	---	---	---
377	Green_Light	488	488	488	Green barrette Light	0.9	0 1 0	Dir	75	75	---	---	---
378	Circling_Guidance_Light	304	304	304	Circling Guidance Light which helps on a circling approach	0.9	1 1 1	Dir	75	75	---	---	---
379	Landing_Marking_Light	305	305	305	Marking Lights that illuminate any markings that need to be visible on the runway in low visibility	0.9	1 1 1	Omni	---	---	---	---	---
380	Lead-in_Light	306	306	306	LDIN - lead-in Light system Lights	0.9	1 1 1	Dir	50	110	---	---	---
381	Optical_Landing_System	307	307	307	Optical landing system Lights	0.9	1 1 1	Omni	---	---	---	---	---
382	High_Intensity_Light	308	308	308	High intensity approach Light	0.9	1 1 1	Dir	75	75	---	---	---
383	Low_Intensity_Light	309	309	309	Low intensity approach Light	0.85	1 1 1	Dir	75	75	---	---	---
384	ODAL_Light	310	310	310	Omni directional approach Light	0.9	1 1 1	Omni	---	---	---	---	---
385	PAPI	311	311	311	Generic Precision approach path indicator. Provides visual glide slope indication using a single row of two or four Light units.	0.95	1 1 1	Dir	75	10	---	---	---
386	APAPI_Close_Light	312	312	312	Abbreviated Precision Approach Path Indicator closest to runway	0.95	1 1 1	Dir	75	10	---	---	---
387	APAPI_Far_Light	313	313	313	Abbreviated Precision Approach Path Indicator farthest to runway	0.95	1 1 1	Dir	75	10	---	---	---
388	TypeA_Light	314	314	314	PAPI A (farthest from runway)	0.95	1 1 1	Dir	75	10	---	---	---
389	TypeB_Light	315	315	315	PAPI B (3rd from runway)	0.95	1 1 1	Dir	75	10	---	---	---
390	TypeC_Light	316	316	316	PAPI C (2nd from runway)	0.95	1 1 1	Dir	75	10	---	---	---
391	TypeD_Light	317	317	317	PAPI D (Closest from runway)	0.95	1 1 1	Dir	75	10	---	---	---
392	RAIL_Light	318	318	318	Runway alignment indicator Lights	0.9	1 1 1	Dir	75	75	---	---	0.33
393	REIL_Light	319	319	319	Runway End Identifier Lights	0.95	1 1 1	Dir	75	75	---	2	0.1
394	SFL	320	320	320	Generic Sequence Flashing Lights	0.9	1 1 1	Dir	75	75	---	2	0.1
395	CAT-I	321	321	321	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
396	CAT-II	322	322	322	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
397	CALVERT-I	323	323	323	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
398	CALVERT-II	324	324	324	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
399	ALSF-I	325	325	325	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
400	ALSF-II	326	326	326	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1



	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
401	SSALF	327	327	327	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
402	SSALR	328	328	328	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
403	MALSF	329	329	329	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	0.1
404	MALSR	330	330	330	Approach Lighting System with sequenced flashing	0.9	1 1 1	Dir	75	75	---	2	---
405	VASI	331	331	331	Generic Visual Approach Slope Indicator System (VASI)	0.9	1 1 1	Dir	75	10	---	---	---
406	2Bar	332	332	332	Generic 2 Bar Component VASI	0.9	1 1 1	Dir	75	10	---	---	---
407	First_Light	333	333	333	2-Bar VASIS (1st bar closest to threshold)	0.9	1 1 1	Dir	75	10	---	---	---
408	Second_Light	334	334	334	2-Bar VASIS (2nd bar farthest from threshold)	0.9	1 1 1	Dir	75	10	---	---	---
409	3Bar	335	335	335	Generic 3 Bar component VASI	0.9	1 1 1	Dir	75	10	---	---	---
410	First_Light	336	336	336	3-Bar VASIS (1st bar closest to threshold)	0.9	1 1 1	Dir	75	10	---	---	---
411	Second_Light	337	337	337	3-Bar VASIS (2nd bar, in between 1st and 3rd)	0.9	1 1 1	Dir	75	10	---	---	---
412	Third_Light	338	338	338	3-Bar VASIS (3rd bar farthest from threshold)	0.9	1 1 1	Dir	75	10	---	---	---
413	LCVASI_Light	339	339	339	Low-cost VASI Light	0.9	1 1 1	Dir	75	10	---	---	---
414	TypeP_Light	340	340	340	PVASI pulsating Light	0.9	1 1 1	Dir	75	10	---	---	---
415	TypeT	341	341	341	Generic T Shaped VASI (T-VASIS)	0.9	1 1 1	Dir	75	10	---	---	---
416	Fly-down_Light	342	342	342	Fly Down Lights	0.9	1 1 1	Dir	75	7	---	---	---
417	Wing_Bar_Light	343	343	343	T-VASIS wing bar Light	0.9	1 1 1	Dir	75	10	---	---	---
418	2.50_Degree	344	344	344	Generic 2.50 degree T-VASI	0.9	1 1 1	Dir	75	2.5	---	---	---
419	Fly-Up1_Light	345	345	345	T-VASIS Fly-up 1 (closest to Wing Bar) for 2.5 degree Glide slope	0.9	1 1 1	Dir	75	2.5	---	---	---
420	Fly-Up2_Light	346	346	346	T-VASIS Fly-up 2 (closest to Wing Bar) for 2.5 degree Glide slope	0.9	1 1 1	Dir	75	2.4166	---	---	---
421	Fly-Up3_Light	347	347	347	T-VASIS Fly-up 3 (farthest to Wing Bar) for 2.5 degree Glide slope	0.9	1 1 1	Dir	75	2.3334	---	---	---
422	2.75_Degree	348	348	348	Generic 2.75 degree T-VASI	0.9	1 1 1	Dir	75	2.75	---	---	---
423	Fly-Up1_Light	349	349	349	T-VASIS Fly-up 1 (closest to Wing Bar) for 2.7 degree Glide slope	0.9	1 1 1	Dir	75	2.75	---	---	---
424	Fly-Up2_Light	350	350	350	T-VASIS Fly-up 2 (closest to Wing Bar) for 2.7 degree Glide slope	0.9	1 1 1	Dir	75	2.6666	---	---	---
425	Fly-Up3_Light	351	351	351	T-VASIS Fly-up 3 (farthest to Wing Bar) for 2.7 degree Glide slope	0.9	1 1 1	Dir	75	2.5834	---	---	---
426	3.00_Degree	352	352	352	Generic 3.00 degree T-VASI	0.9	1 1 1	Dir	75	3	---	---	---
427	Fly-Up1_Light	353	353	353	T-VASIS Fly-up 1 (closest to Wing Bar) for 3.0 degree Glide slope	0.9	1 1 1	Dir	75	3	---	---	---
428	Fly-Up2_Light	354	354	354	T-VASIS Fly-up 2 (closest to Wing Bar) for 3.0 degree Glide slope	0.9	1 1 1	Dir	75	2.9166	---	---	---
429	Fly-Up3_Light	355	355	355	T-VASIS Fly-up 3 (farthest to Wing Bar) for 3.0 degree Glide slope	0.9	1 1 1	Dir	75	2.8334	---	---	---
430	3.25_Degree	356	356	356	Generic 3.25 degree T-VASI	0.9	1 1 1	Dir	75	3.25	---	---	---
431	Fly-Up1_Light	357	357	357	T-VASIS Fly-up 1 (closest to Wing Bar) for 3.25 degree Glide slope	0.9	1 1 1	Dir	75	3.25	---	---	---
432	Fly-Up2_Light	358	358	358	T-VASIS Fly-up 2 (closest to Wing Bar) for 3.25 degree Glide slope	0.9	1 1 1	Dir	75	3.1666	---	---	---
433	Fly-Up3_Light	359	359	359	T-VASIS Fly-up 3 (farthest to Wing Bar) for 3.25 degree Glide slope	0.9	1 1 1	Dir	75	3.0834	---	---	---
434	3.50_Degree	360	360	360	Generic 3.5 degree T-VASI	0.9	1 1 1	Dir	75	3.5	---	---	---
435	Fly-Up1_Light	361	361	361	T-VASIS Fly-up 1 (closest to Wing Bar) for 3.5 degree Glide slope	0.9	1 1 1	Dir	75	3.5	---	---	---
436	Fly-Up2_Light	362	362	362	T-VASIS Fly-up 2 (closest to Wing Bar) for 3.5 degree Glide slope	0.9	1 1 1	Dir	75	3.4166	---	---	---
437	Fly-Up3_Light	363	363	363	T-VASIS Fly-up 3 (farthest to Wing Bar) for 3.5 degree Glide slope	0.9	1 1 1	Dir	75	3.3334	---	---	---
438	3.75_Degree	364	364	364	Generic 3.75 degree T-VASI	0.9	1 1 1	Dir	75	3.75	---	---	---
439	Fly-Up1_Light	365	365	365	T-VASIS Fly-up 1 (closest to Wing Bar) for 3.75 degree Glide slope	0.9	1 1 1	Dir	75	3.75	---	---	---
440	Fly-Up2_Light	366	366	366	T-VASIS Fly-up 2 (closest to Wing Bar) for 3.75 degree Glide slope	0.9	1 1 1	Dir	75	3.6666	---	---	---
441	Fly-Up3_Light	367	367	367	T-VASIS Fly-up 3 (farthest to Wing Bar) for 3.75 degree Glide slope	0.9	1 1 1	Dir	75	3.5834	---	---	---
442	4.00_Degree	368	368	368	Generic 4.00 degree T-VASI	0.9	1 1 1	Dir	75	4	---	---	---
443	Fly-Up1_Light	369	369	369	T-VASIS Fly-up 1 (closest to Wing Bar) for 4.0 degree Glide slope	0.9	1 1 1	Dir	75	4	---	---	---
444	Fly-Up2_Light	370	370	370	T-VASIS Fly-up 2 (closest to Wing Bar) for 4.0 degree Glide slope	0.9	1 1 1	Dir	75	3.9166	---	---	---
445	Fly-Up3_Light	371	371	371	T-VASIS Fly-up 3 (farthest to Wing Bar) for 4.0 degree Glide slope	0.9	1 1 1	Dir	75	3.8334	---	---	---
446	Centerline	372	372	372	Generic runway centerline Light	0.9	1 1 1	Bi-Dir	75	75	---	---	---
447	Red_Light	373	373	373	Unidirectional Red runway centerline Light	0.9	1 0 0	Dir	75	75	---	---	---
448	White_Light	374	374	374	Unidirectional White runway centerline Light	0.9	1 1 1	Dir	75	75	---	---	---
449	White_White_Light	375	375	375	Bidirectional White runway centerline Light	0.9	1 1 1	Bi-Dir	75	75	---	---	---
450	White_Red_Light	376	376	376	Bidirectional White/Red runway centerline Light	0.9	1 1 1	Bi-Dir	75	75	---	---	---

	Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
451	Red_Red_Light		511	511	Bidirectional Red runway centerline Light	0.9	1 0 0	Bi-Dir	75	75	—	—	—
452	Edge	377	377	377	Generic Runway Edge Lights	0.9	1 1 1	Bi-Dir	180	180	—	—	—
453	White_Light	378	378	378	Unidirectional White Edge Light	0.9	1 1 1	Dir	180	180	—	—	—
454	Amber_Light	379	379	379	Unidirectional Amber Edge Light	0.9	1 0.6 0	Dir	180	180	—	—	—
455	Red_Light	380	380	380	Unidirectional Red Edge Light	0.9	1 0 0	Dir	180	180	—	—	—
456	Blue_Light	381	381	381	Unidirectional Blue Edge Light	0.9	0 0 1	Dir	180	180	—	—	—
457	White_White_Light	382	382	382	Bidirectional White Edge Light	0.9	1 1 1	Bi-Dir	180	180	—	—	—
458	White_Amber_Light	383	383	383	White-Amber Edge Light	0.9	1 1 1	Bi-Dir	180	180	—	—	—
459	White_Red_Light	384	384	384	White-Red Edge Light	0.9	1 1 1	Bi-Dir	180	180	—	—	—
460	White_Blue_Light	385	385	385	White-Blue Edge Light	0.9	1 1 1	Bi-Dir	180	180	—	—	—
461	Amber_Amber_Light	386	386	386	Bidirectional Amber Edge Light	0.9	1 0.6 0	Bi-Dir	180	180	—	—	—
462	Amber_Red_Light	387	387	387	Amber-Red Edge Light	0.9	1 0.6 0	Bi-Dir	180	180	—	—	—
463	Amber_Blue_Light	388	388	388	Amber-Blue Edge Light	0.9	1 0.6 0	Bi-Dir	180	180	—	—	—
464	Blue_Red_Light	389	389	389	Blue-Red Edge Light	0.9	0 0 1	Bi-Dir	180	180	—	—	—
465	Red_Red_Light	390	390	390	Bidirectional Red Edge Light	0.9	1 0 0	Bi-Dir	180	180	—	—	—
466	Blue_Blue_Light	391	391	391	Bidirectional Blue Edge Light	0.9	0 0 1	Bi-Dir	180	180	—	—	—
467	End_Wing_Light	392	392	392	Runway End Wing Lights	0.9	1 0 0	Dir	180	180	—	—	—
468	End_Light	393	393	393	Runway End Lights	0.9	1 0 0	Dir	180	180	—	—	—
469	Flood_Light	394	394	394	Runway flood Lights	0.9	1 1 1	Omni	—	—	—	—	—
470	Overrun	395	395	395	Generic Overrun Light - A Light which indicated runway over run area	0.9	1 0.6 0	Dir	150	90	—	—	—
471	Amber_Light	396	396	396	Amber overrun Light	0.9	1 0.6 0	Dir	150	90	—	—	—
472	Blue_Light	397	397	397	Blue overrun Light	0.9	0 0 1	Dir	150	90	—	—	—
473	Red_Light	398	398	398	Red overrun Light	0.9	1 0 0	Dir	150	90	—	—	—
474	Threshold_Wing_Light	399	399	399	Threshold wing Lights	0.9	0 1 0	Dir	180	180	—	—	—
475	Threshold_Light	400	400	400	Runway threshold Lights: used to identify the landing threshold of the runway	0.9	0 1 0	Dir	180	180	—	—	—
476	Touchdown_Zone_Light	401	401	401	Touchdown Zone Lights: used to identify the appropriate landing area on the runway after the threshold	0.9	1 1 1	Dir	180	180	—	—	—
477	LAHSO_Light	402	402	402	Land and hold Short Operations Light: runway intersecting stop Lights	0.9	1 0.6 0	Omni	—	—	—	—	—
478	Taxiway	403	403	403	Generic Airport Taxiway Lights	0.9	0 0 1	Omni	—	—	—	—	—
479	Apron_Entrance_Light	404	404	404	Apron Entrance Light which indication area where taxi enters apron area	0.9	0 0 1	Omni	—	—	—	—	—
480	CAT-III_Hold_Bar_Light	405	405	405	Category III Hold bar Light	0.9	0 1 0	Dir	180	180	—	—	—
481	Centerline	406	406	406	Generic Centerline Taxiway Lights	0.9	0 1 0	Dir	90	110	—	—	—
482	Aligned_Light	407	407	407	ALighted Light for a straight sequence of a taxiway	0.9	0 1 0	Dir	90	110	—	—	—
483	Curved_Light	408	408	408	Curved Lights for a curved sequence of a taxiway	0.9	0 1 0	Dir	50	110	—	—	—
484	Edge	409	409	409	Generic Taxiway edge Lights	0.9	0 0 1	Omni	—	—	—	—	—
485	Blue_Light	425	425	425	Blue Taxi edge Light	0.9	0 0 1	Omni	—	—	—	—	—
486	White_Light	426	426	426	White Taxi edge Light	0.9	1 1 1	Omni	—	—	—	—	—
487	High-speed	410	410	410	Generic Taxiway high speed area Lights	0.9	1 0.6 0	Dir	50	110	—	—	—
488	Amber_Light	411	411	411	Amber high-speed Lights	0.9	1 0.6 0	Dir	50	110	—	—	—
489	Green_Light	412	412	412	Green high-speed Lights	0.9	0 1 0	Dir	50	110	—	—	—
490	Lead-on	413	413	413	Generic Lead-On Light	0.9	0 1 0	Omni	—	—	—	—	—
491	Green_Light		489	489	Green Lead-On Light	0.9	0 1 0	Omni	—	—	—	—	—
492	Yellow_Light		490	490	Yellow Lead-On Light	0.9	1 1 0	Omni	—	—	—	—	—
493	Lead-off		491	491	Generic Lead-Off Light	0.9	0 1 0	Omni	—	—	—	—	—
494	Green_Light		492	492	Green Lead-Off Light	0.9	0 1 0	Omni	—	—	—	—	—
495	Yellow_Light		493	493	Yellow Lead-Off Light	0.9	1 1 0	Omni	—	—	—	—	—
496	No-entry_Light	414	414	414	No entry zone Lights	0.9	1 0 0	Omni	—	—	—	—	—
497	Runway_Guard	415	415	415	Runway guard Lights	0.9	1 1 1	Omni	—	—	—	—	—
498	Stop_Bar_Light	416	416	416	Stop Bar Lights	0.9	1 0 0	Dir	180	180	—	—	—
499	Clearance	417	417	417	Generic Clearance bar Light. They are located at "hold short" positions on taxiways in order to increase the visibility of Unidirectional Taxiway Clearance Light (used when the hold is intended for one direction only)	0.9	1 1 0	Dir	—	—	—	—	—
500	Unidirectional_Light			512		0.9	0 1 0	Dir	7	7	—	—	—



Light Hierarchy	v3.0 Light Code	v3.1 Light Code	Light Code	Description	Intensity (normalized)	Color (normalized RGB)	Directionality (type)	Width_Hor (degrees)	Width_Vert (degrees)	Intensity_Res (normalized)	Frequency (Hz)	Duty_Cycle (normalized)
Bidirectional_Light			513	Bidirectional Taxiway Clearance Light (used when the hold is intended for two directions)	0.9	1 1 0	Dir	7	7	—	—	—
Guard	418	418	418	Generic RGL (Runway Guard Light) is used to enhance the visibility of taxiway holding positions on an airport	0.9	1 1 1	Omni	—	—	—	—	—
Type1_Light	419			(deprecated in CDB v3.1)	0.9	1 1 1	Omni	—	—	—	—	—
Type2_Light	420			(deprecated in CDB v3.1)	0.9	1 1 1	Omni	—	—	—	—	—
Type3_Light	421			(deprecated in CDB v3.1)	0.9	1 1 1	Omni	—	—	—	—	—
Type4_Light	422			(deprecated in CDB v3.1)	0.9	1 1 1	Omni	—	—	—	—	—
Wind_Indicator_Light	423	423	423	Wind Indicator Light	0.9	1 1 1	Omni	—	—	—	—	—
Windsock_Light	424	424	424	Windsock Light used to illuminate the windsock in poor visibility	0.9	1 1 1	Omni	—	—	—	—	—
Heliport	457	457	457	Generic Heliport Lights	0.9	0 0 1	Omni	—	—	—	—	—
Approach_System	458	458	458	Generic Heliport Approach System Lights	0.9	0 1 0	Dir	90	110	—	—	—
Landing_Marking	460	460	460	Generic Landing Marking Light on Heliport Approach System	0.9	1 1 1	Dir	75	10	—	—	—
Amber_Light	465	465	465	Heliport Approach Landing Marking Amber Light	0.9	1 1 1	Dir	75	10	—	—	—
Green_Light	463	463	463	Heliport Approach Landing Marking Green Light	0.9	1 1 1	Dir	75	10	—	—	—
Red_Light	464	464	464	Heliport Approach Landing Marking Red Light	0.9	1 1 1	Dir	75	10	—	—	—
Edge	459	459	459	Generic Heliport Edge Lights	0.9	0 0 1	Omni	—	—	—	—	—
White_White_Light	462	462	462	White White Heliport Edge Light	0.9	0 0 1	Omni	—	—	—	—	—
White_Light	461	461	461	White Heliport Edge Light	0.9	1 1 1	Omni	—	—	—	—	—